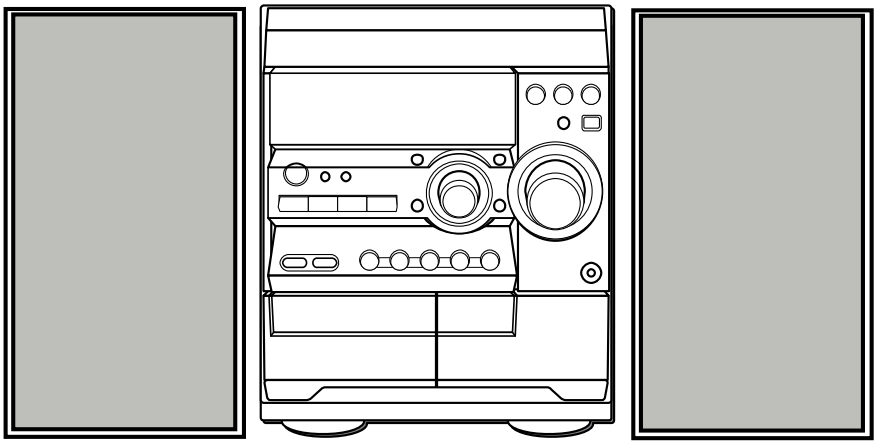
aiwa SERVICE

# NSX-R10 EZ(S), K(S)



# SERVICE MANUAL

CD STEREO SYSTEM

BASIC CD MECHANISM : BZG-2 ZD9GNC1
BASIC TAPE MECHANISM : CMAT6Z2(1+1)ALPS

| SYSTEM | CD CASSEIVER | SPEAKER | REMOTE CONTROLLER |
|---|---|---|---|
| NSX-R10 | CX-NR10 | SX-NR10 | RC-CAS03(VS) |

If requiring information about the CD mechanism, see Service Manual of BZG-2, (S/M Code No. 09-023-353-2N8).

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S/M Code No. 09-026-455-6N2

DATA

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# SPECIFICATIONS -1/1

## <EZ Model>

**MAIN UNIT CX-NR10**

**TUNER**

| | |
|---|---|
| FM tuning range | 87.5 MHz to 108 MHz |
| FM usable sensitivity (IHF) | 16.8 dBf |
| FM antenna terminal | 75 ohms (unbalanced) |
| MW tuning range | 531 kHz to 1602 kHz (9 kHz step)<br>530 kHz to 1710 kHz (10 kHz step) |
| MW usable sensitivity | 350 μV/m |
| LW tuning range | 144 kHz to 290 kHz |
| LW usable sensitivity | 1400 μV/m |
| MW/LW antenna | Loop antenna |

**AMPLIFIER**

| | |
|---|---|
| Power output | Rated: 8 W + 8 W (6 ohms, T.H.D. 1%, 1 kHz/DIN 45500)<br>Reference: 10 W + 10 W (6 ohms, T.H.D. 10 %, 1 kHz/DIN 45324)<br>DIN MUSIC POWER: 26 W + 26 W |
| Total harmonic distortion | 0.08 % (6 W, 1 kHz, 6 ohms, DIN AUDIO) |
| Input | VIDEO/AUX: 500 mV |
| Outputs | SPEAKERS: 6 ohms or more<br>PHONES: 32 ohms or more |

**CASSETTE DECK**

| | |
|---|---|
| Track format | 4 tracks, 2 channels stereo |
| Frequency response | 50 Hz - 15 kHz |
| Recording system | AC bias |
| Heads | DECK 1: playback x 1<br>DECK 2: recording/playback x 1, erase x 1 |

**CD PLAYER**

| | |
|---|---|
| Laser | Semiconductor laser λ= 780 nm) |
| D/A converter | 1 bit dual |
| Signal-to-noise ratio | 85 dB (1 kHz, 0 dB) |
| Harmonic distortion | 0.05 % (1 kHz, 0 dB) |

**GENERAL**

| | |
|---|---|
| Power requirements | 230 V AC, 50 Hz |
| Power consumption | 42 W |
| Dimensions (W x H x D) | 260 x 324 x 315 mm |
| Weight | 4.7 kg |

**FRONT SPEAKERS SX-NR10**

| | |
|---|---|
| Speaker system | 1 way, bass reflex (magnetic shielded) |
| Speaker unit | Full range: 100 mm cone |
| Impedance | 6 ohms |
| Dimensions (W x H x D) | 210 x 324 x 202 mm |
| Weight | 2.8 kg |

## <K Model>

**MAIN UNIT CX-NR10**

**TUNER**

| | |
|---|---|
| FM tuning range | 87.5 MHz to 108 MHz |
| FM usable sensitivity (IHF) | 16.8 dBf |
| FM antenna terminal | 75 ohms (unbalanced) |
| MW tuning range | 531 kHz to 1602 kHz (9 kHz step)<br>530 kHz to 1710 kHz (10 kHz step) |
| MW usable sensitivity | 350 μV/m |
| LW tuning range | 144 kHz to 290 kHz |
| LW usable sensitivity | 1400 μV/m |
| MW/LW antenna | Loop antenna |

**AMPLIFIER**

| | |
|---|---|
| Power output | Rated: 8 W + 8 W (6 ohms, T.H.D. 1%, 1 kHz/DIN 45500)<br>Reference: 10 W + 10 W (6 ohms, T.H.D. 10 %, 1 kHz/DIN 45324) |
| Total harmonic distortion | 0.08 % (6 W, 1 kHz, 6 ohms, DIN AUDIO) |
| Input | VIDEO/AUX: 500 mV |
| Outputs | SPEAKERS: 6 ohms or more<br>PHONES: 32 ohms or more |

**CASSETTE DECK**

| | |
|---|---|
| Track format | 4 tracks, 2 channels stereo |
| Frequency response | 50 Hz - 15 kHz |
| Recording system | AC bias |
| Heads | DECK 1: playback x 1<br>DECK 2: recording/playback x 1, erase x 1 |

**CD PLAYER**

| | |
|---|---|
| Laser | Semiconductor laser (λ= 780 nm) |
| D/A converter | 1 bit dual |
| Signal-to-noise ratio | 85 dB (1 kHz, 0 dB) |
| Harmonic distortion | 0.05 % (1 kHz, 0 dB) |

**GENERAL**

| | |
|---|---|
| Power requirements | 230 V AC, 50 Hz |
| Power consumption | 42 W |
| Dimensions (W x H x D) | 260 x 324 x 315 mm |
| Weight | 4.7 kg |

**FRONT SPEAKERS SX-NR10**

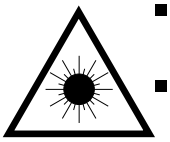
| | |
|---|---|
| Speaker system | 1 way, bass reflex (magnetic shielded) |
| Speaker unit | Full range: 100 mm cone |
| Impedance | 6 ohms |
| Dimensions (W x H x D) | 210 x 324 x 202 mm |
| Weight | 2.8 kg |

Specifications and external appearance are subject to change without notice.

# PROTECTION OF EYES FROM LASER BEAM DURING SERVICING -1/1

This set employs laser. Therefore, be sure to follow carefully the instructions below when servicing.

**WARNING!!**
WHEN SERVICING, DO NOT APPROACH THE LASER EXIT WITH THE EYE TOO CLOSELY. IN CASE IT IS NECESSARY TO CONFIRM LASER BEAM EMISSION. BE SURE TO OBSERVE FROM A DISTANCE OF MORE THAN 30cm FROM THE SURFACE OF THE OBJECTIVE LENS ON THE OPTICAL PICK-UP BLOCK.



- Caution: Invisible laser radiation when open and interlocks defeated avoid exposure to beam.
- Advarsel: Usynlig laserståling vedåbning, når sikkerhedsafbrydere er ude af funktion. Undgå udsÊttelse for stråling.

**VAROITUS!**
Laiteen Käyttäminen muulla kuin tässä käyttöohjeessa mainitulla tavalla saataa altistaa käyt-täjän turvallisuusluokan 1 ylittävälle näkymättömälle lasersäteilylle.

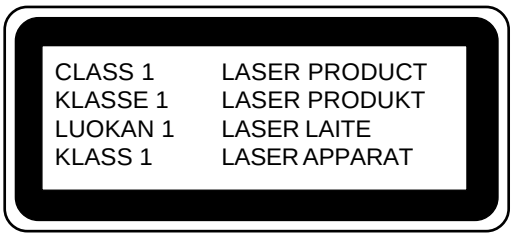
**VARNING!**
Om apparaten används på annat sätt än vad som specificeras i denna bruksanvising, kan användaren utsättas för osynling laserstrålning, som överskrider gränsen för laserklass 1.

**CAUTION**
Use of controls or adjustments or performance of procedures other than those specified herin may result in hazardous radiation exposure.

**ATTENTION**
L'utillisation de commandes, réglages ou procédures autres que ceux spécifiés peut entraîner une dangereuse exposition aux radiations.

**ADVARSEL**
Usynlig laserståling ved åbning, når sikkerhedsafbrydereer ude af funktion. Undgå udsættelse for stråling.

This Compact Disc player is classified as a CLASS 1 LASER product.
The CLASS 1 LASER PRODUCT label is located on the rear exterior.

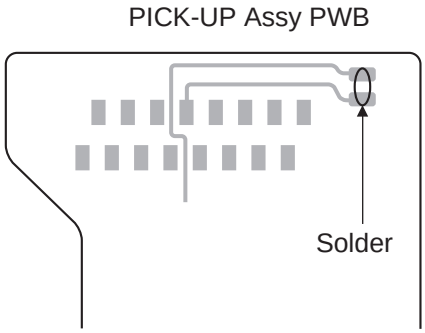



## Precaution to replace Optical block

## (PXR-104X-BP-0101)

Body or clothes electrostatic potential could ruin laser diode in the optical block. Be sure ground body and workbench, and use care the clothes do not touch the diode.

1) After the connection, remove solder shown in right figure.



# NOTE ON BEFORE STARTING REPAIR -1/2

## 1. Forced discharge of electrolytic capacitor of power supply block

When repair is going to be attempted in the set that uses relay circuit in the power supply block, electric potential is kept charged across the electrolytic capacitors (C101, 102) even though AC power cord is removed. If repair is attempted in this condition, secondary defect can occur. In order to prevent the secondary trouble, perform the following measures before starting repair work.

Discharge procedure

① Remove the AC power cord.
② Connect a discharging resistor at an end of lead wire that has clips at both ends. Connect the other end of the lead wire to metal chassis.
③ Contact the other end of the discharging resistor to the positive (+) side (+VH) of C101. (For two seconds)
④ Contact the same end of the discharging resistor as step ③ to the negative (-) side (-VH) of C102 in the same way. (For two seconds)
⑤ Check that voltage across C101 and C102 has decreased to 1 V or less using a multimeter or an oscilloscope.

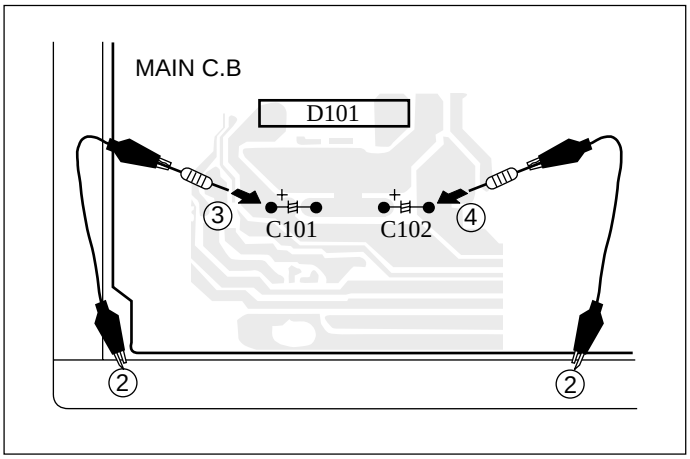



Fig-1

Select a discharging resistor referring to the following table.

| Charging voltage (V) (C101, 102) | Discharging resistor (Ω) | Rated power (W) | Parts number |
|---|---|---|---|
| 25-48 | 100 | 3 | 87-A00-247-090 |
| 49-140 | 220 | 5 | 87-A00-232-090 |

Note: The reference numbers (C101, C102) of the electrolytic capacitors can change depending on the models. Be sure to check the reference numbers of the charging capacitors on schematic diagram before starting the discharging work.

## 2. Check items before exchanging the MICROCOMPUTER

Be sure to check the following items before exchanging the MICROCOMPUTER. Exchange the MICROCOMPUTER after confirming that the MICROCOMPUTER is surely defective.

### 2-1. Regarding the HOLD terminal of the MICROCOMPUTER

When the HOLD terminal (INPUT) of the MICROCOMPUTER is "H", the MICROCOMPUTER is judged to be operating correctly. When this terminal is "L", the main power cannot be turned on. Therefore, be sure to check the terminal voltage of the HOLD terminal before exchange.

When the MICROCOMPUTER is not defective, the HOLD terminal can also go "L" when the POWER AMPLIFIER has any abnormalities that triggers the abnormality detection circuit on the MAIN C. B. that sets the HOLD terminal to "L".

• Good or no good judgement of the MICROCOMPUTER

① Turn on the AC main power.
② Confirm that the main power is turned on and the HOLD terminal of the MICROCOMPUTER keeps the "H" level or not.
③ When the HOLD terminal is "L" level, the abnormality detection circuit is judged to be working correctly and the MICRO COMPUTER is judged to be good.

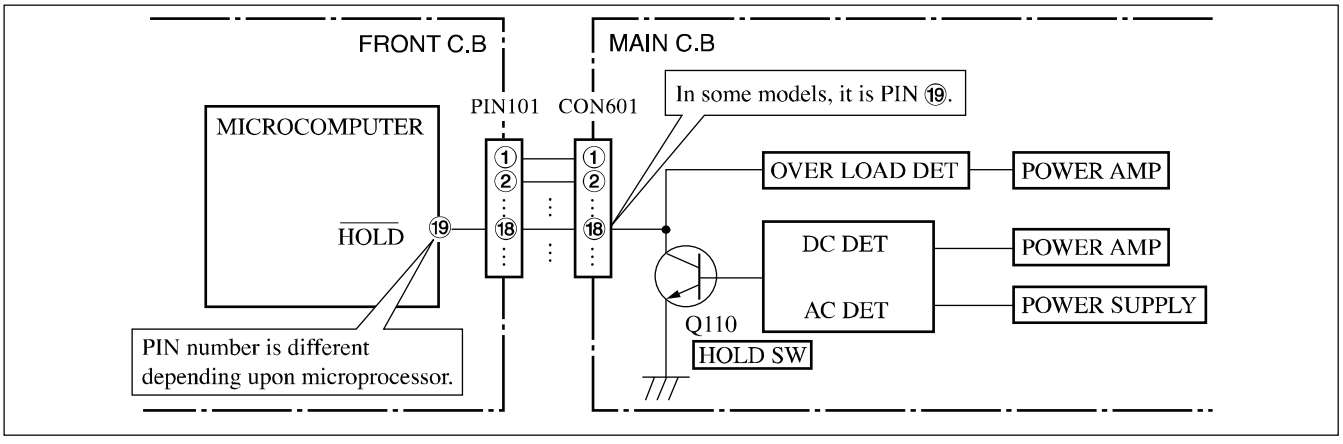



Fig-2-1

In such a case, check also if the POWER AMPLIFIER circuit or power supply circuit has any abnormalities or not.

### 2-2. Regarding reset

There are cases that the machine does not work correctly because the MICROCOMPUTER is not reset even though the AC power cord is re-inserted, or the software reset (pressing the STOP key + POWER key) is performed.
When the above described phenomenon occurs, it can lead to wrong judgement as if the MICROCOMPUTER is defective and to exchange the MICROCOMPUTER. In such a case, perform the forced-reset by the following procedure and check good or no good of the MICROCOM PUTER.

① Remove the AC power cord.

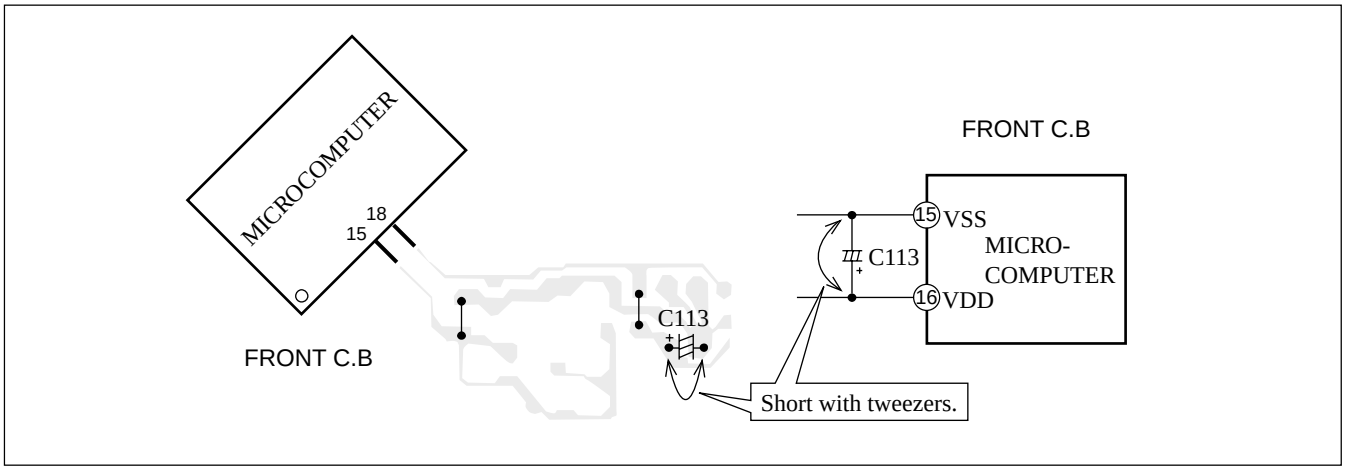



Fig-2-2

② Short both ends of the electrolytic capacitor C113 that is connected to VDD of the MICROCOMPUTER with tweezers.
③ Connect the AC power cord again. If the MICROCOMPUTER returns to the normal operation, the MICROCOMPUTER is good.

Note: The reference number or MICROCOMPUTER pin number of transistor (Q110) and electrolytic capacitor (C113) can change depending on the models. Be sure to check the reference numbers on schematic diagram before starting the discharging work.

### 2-3. Confirmation of soldering state of MICROCOMPUTER

Check the soldering state of the MICROCOMPUTER in addition to the above described procedures. Be sure to exchange the MICROCOMPUTER after surely confirming that the trouble is not caused by poor soldering but the MICROCOMPUTER itself.

# ACCESSORIES PARTS LIST -1/1

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL | |
|---|---|---|---|---|---|---|---|
| | | | | | | CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
| | | O | AS1001 | 8C-NFA-916-010 | IB,EZ(9L)S NSX-R10 | a | . |
| | | O | AS1001 | 8C-NFA-905-010 | IB,K(E)S NSX-R10 | . | b |
| | | O | AS1002 | 87-A92-150-010 | ANT,LOOP AM NO-CONT | a | b |
| | | O | AS1003 | 87-A92-346-010 | ANT,WIRE FM(FASTEN) | a | b |
| | | O | AS1004 | 8C-NF8-702-010 | RC UNIT,RC-CAS03(VS) | a | b |
| | | O | AS1005 | 87-099-811-010 | PLUG,ADPTR CONV(K) | . | b |

# ELECTRICAL PARTS LIST - 1/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | O | C 0108 | 87-010-785-080 | C-CAP,U 0.015-25 K B GRM | a | b |
| FRONT | | O | C 0153 | 87-010-787-080 | C-CAP,U 0.022-25 K B GRM | a | b |
| FRONT | | O | C 0154 | 87-010-246-040 | CAP,E 47-35 M 11L SME | a | b |
| FRONT | | O | C 0155 | 87-010-404-040 | CAP,E 4.7-50 M 11L SME | a | b |
| FRONT | | O | C 0156 | 87-010-404-040 | CAP,E 4.7-50 M 11L SME | a | b |
| FRONT | | O | C 0301 | 87-012-278-080 | C-CAP,U 2200P-50 K B GRM | a | b |
| FRONT | | O | C 0351 | 87-A10-353-080 | C-CAP,U 0.22-10 K B | a | b |
| FRONT | | O | C 0361 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| FRONT | | O | C 0362 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| FRONT | | O | C 0371 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| FRONT | | O | C 0372 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| FRONT | | O | C 0601 | 87-010-382-040 | CAP,E 22-25 M 11L SME | a | b |
| FRONT | | O | C 0801 | 87-A10-353-080 | C-CAP,U 0.22-10 K B | a | b |
| FRONT | | O | C 0803 | 87-012-280-080 | C-CAP,U 3300P-50 K B GRM | a | b |
| FRONT | | O | C 0804 | 87-A10-592-080 | C-CAP,S 0.015-50 J B | a | b |
| FRONT | | O | C 0806 | 87-012-273-080 | C-CAP,U 820P-50 K B GRM | a | b |
| FRONT | | O | C 0808 | 87-010-544-040 | CAP,E 0.1-50 M 11L SME | a | b |
| FRONT | | O | C 0809 | 87-010-404-040 | CAP,E 4.7-50 M 11L SME | a | b |
| FRONT | | O | C 0810 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| FRONT | | O | C 0811 | 87-A12-052-080 | C-CAP,S 0.033-25 J B | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | O | C 0812 | 87-012-285-080 | C-CAP,U 8200P-50 K B GRM | a | b |
| FRONT | | O | C 0901 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0902 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0903 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0904 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0905 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0906 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0907 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0908 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0909 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0910 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0911 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| FRONT | | O | C 0912 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| FRONT | | O | C 0913 | 87-A10-189-040 | CAP,E 220-10 M 5L | a | b |
| FRONT | | O | C 0915 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| FRONT | | O | C 0916 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| FRONT | | O | C 0917 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| FRONT | | O | C 0919 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| FRONT | | O | C 0920 | 87-010-829-080 | C-CAP,U 0.047-16 Z F CM/CB | a | b |
| FRONT | | O | C 0921 | 87-012-282-080 | C-CAP,U 4700P-50 K B GRM | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | O | C 0922 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0923 | 87-016-116-080 | C-CAP,U 0.015-25 J B CB | a | b |
| FRONT | | O | C 0924 | 87-016-116-080 | C-CAP,U 0.015-25 J B CB | a | b |
| FRONT | | O | C 0925 | 87-016-116-080 | C-CAP,U 0.015-25 J B CB | a | b |
| FRONT | | O | C 0931 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0932 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| FRONT | | O | C 0951 | 87-012-172-080 | C-CAP,U 10P-50 D CH GRM | a | b |
| FRONT | | O | C 0952 | 87-010-854-080 | C-CAP,S 560P-50 J CH CMC | a | b |
| FRONT | | O | C 0953 | 87-012-349-080 | C-CAP,S 1000P-50 J CH GRM | a | b |
| FRONT | | O | C 0961 | 87-010-391-040 | CAP,E 10-35 M 11L SME | a | b |
| FRONT | | O | C 0962 | 87-012-336-080 | C-CAP,U 330P-50 J SL GRM | a | b |
| FRONT | | O | C 0963 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| FRONT | | O | CN 0103 | 87-099-013-010 | CONN,11P V BLK 6216 | a | b |
| FRONT | | O | CN 0701 | 87-099-720-010 | CONN,30P BLK TYK-B(P) | a | b |
| FRONT | | O | CN 0731 | 87-099-196-010 | CONN,8P V BLK 6216 | a | b |
| FRONT | | S | D 0103 | 87-020-465-080 | DIODE,1SS133 | a | b |
| FRONT | | S | D 0104 | 87-020-465-080 | DIODE,1SS133 | a | b |
| FRONT | | S | D 0301 | 87-A40-234-080 | ZENER,MTZJ5.6A | a | b |
| FRONT | | S | D 0302 | 87-020-465-080 | DIODE,1SS133 | a | b |
| FRONT | | S | D 0601 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | S | D 0801 | 87-020-465-080 | DIODE,1SS133 | a | b |
| FRONT | | S | D 0983 | 87-020-465-080 | DIODE,1SS133 | a | b |
| FRONT | | S | D 0991 | 87-020-465-080 | DIODE,1SS133 | a | b |
| FRONT | | O | FFC0101 | 88-911-101-110 | FF-CABLE,11P 1.25 100MM | a | b |
| FRONT | | O | FFC0731 | 88-908-301-110 | FF-CABLE,8P 1.25 300MM | a | b |
| FRONT | | O | FL 0201 | 8C-NF9-615-010 | FL,HUA-13SS09T | a | b |
| FRONT | | S | IC 0901 | 8C-NF9-610-030 | C-IC,UPD780226GF-033-3BA | a | b |
| FRONT | | S | IC 0961 | 87-A21-831-010 | IC,SPS-442-1-F1 | a | b |
| FRONT | | O | L 0951 | 87-A50-655-010 | COIL,CLK 4.19MHZ (TOKO)7KLY | a | b |
| FRONT | | S | Q 0102 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| FRONT | | S | Q 0104 | 87-A30-538-040 | C-TR,SRA2202S | a | b |
| FRONT | | S | Q 0301 | 87-A30-494-080 | TR,2SA1980G | a | b |
| FRONT | | S | Q 0302 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| FRONT | | S | Q 0303 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| FRONT | | S | Q 0601 | 87-A30-495-080 | TR,2SA1981Y | a | b |
| FRONT | | S | Q 0602 | 87-A30-495-080 | TR,2SA1981Y | a | b |
| FRONT | | S | Q 0603 | 87-A30-200-080 | TR,2SA1585SR | a | b |
| FRONT | | S | Q 0801 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| FRONT | | S | Q 0802 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| FRONT | | S | Q 0803 | 87-A30-076-080 | C-TR,2SC3052F | a | b |

# ELECTRICAL PARTS LIST - 2/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | S | Q 0804 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| FRONT | | S | Q 0805 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| FRONT | | S | Q 0901 | 87-A30-538-040 | C-TR,SRA2202S | a | b |
| FRONT | | O | R 0109 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | O | R 0110 | 88-108-153-080 | C-RES,U 15K-1/16W J | a | b |
| FRONT | | X | R 0111 | 88-108-333-080 | C-RES,U 33K-1/16W J | a | b |
| FRONT | | O | R 0112 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | O | R 0114 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0115 | 88-108-123-080 | C-RES,U 12K-1/16W J | a | b |
| FRONT | | X | R 0116 | 88-108-124-080 | C-RES,U 120K-1/16W J | a | b |
| FRONT | | X | R 0151 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| FRONT | | X | R 0152 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| FRONT | | X | R 0153 | 88-128-821-080 | C-RES, 820-1/8W J | a | b |
| FRONT | | X | R 0154 | 88-128-821-080 | C-RES, 820-1/8W J | a | b |
| FRONT | | O | R 0155 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| FRONT | | O | R 0156 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| FRONT | | X | R 0161 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | X | R 0162 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | X | R 0163 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | X | R 0164 | 88-108-000-080 | C-JUMPER,U | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | X | R 0165 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | X | R 0166 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | X | R 0301 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0302 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| FRONT | | O | R 0303 | 88-108-153-080 | C-RES,U 15K-1/16W J | a | b |
| FRONT | | O | R 0304 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0306 | 88-108-471-080 | C-RES,U 470-1/16W J | a | b |
| FRONT | | O | R 0321 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0322 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0323 | 88-108-821-080 | C-RES,U 820-1/16W J | a | b |
| FRONT | | O | R 0324 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0325 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| FRONT | | X | R 0326 | 88-121-122-080 | RES,1.2K-1/8W J | a | b |
| FRONT | | X | R 0327 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| FRONT | | X | R 0328 | 88-121-182-080 | RES,1.8K-1/8W J | a | b |
| FRONT | | O | R 0329 | 88-108-272-080 | C-RES,U 2.7K-1/16W J | a | b |
| FRONT | | O | R 0330 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| FRONT | | X | R 0331 | 88-121-472-080 | RES,4.7K-1/8W J | a | b |
| FRONT | | X | R 0332 | 88-108-682-080 | C-RES,U 6.8K-1/16W J | a | b |
| FRONT | | O | R 0333 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | X | R 0334 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| FRONT | | O | R 0335 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0341 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0342 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0343 | 88-108-821-080 | C-RES,U 820-1/16W J | a | b |
| FRONT | | O | R 0344 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0345 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| FRONT | | X | R 0346 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| FRONT | | X | R 0347 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| FRONT | | X | R 0348 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| FRONT | | O | R 0349 | 88-108-272-080 | C-RES,U 2.7K-1/16W J | a | b |
| FRONT | | O | R 0350 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| FRONT | | X | R 0351 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| FRONT | | O | R 0361 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0362 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | X | R 0363 | 88-108-100-080 | C-RES,U 10-1/16W J | a | b |
| FRONT | | X | R 0364 | 88-108-100-080 | C-RES,U 10-1/16W J | a | b |
| FRONT | | O | R 0371 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0372 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | X | R 0373 | 88-108-100-080 | C-RES,U 10-1/16W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | X | R 0374 | 88-108-100-080 | C-RES,U 10-1/16W J | a | b |
| FRONT | | O | R 0601 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | X | R 0602 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| FRONT | | O | R 0603 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | X | R 0604 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| FRONT | | O | R 0605 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0606 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0607 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | O | R 0611 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0612 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0613 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0614 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0615 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0617 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0618 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | O | R 0704 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0705 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0706 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0707 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0708 | 88-121-102-080 | RES,1K-1/8W J | a | b |

# ELECTRICAL PARTS LIST - 3/14

! = ⚠ SAFTY PARTS
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All components used on this model at the production line are shown in this service manual.
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Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | | O | R 0709 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | X | R 0710 | 88-128-101-080 | C-RES, 100-1/8W J | a | b |
| FRONT | | O | R 0711 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | O | R 0712 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | X | R 0719 | 88-108-100-080 | C-RES,U 10-1/16W J | a | b |
| FRONT | | O | R 0721 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | | O | R 0730 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0732 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | O | R 0733 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | O | R 0734 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0735 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0740 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0741 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | O | R 0742 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0743 | 88-108-474-080 | C-RES,U 470K-1/16W J | a | b |
| FRONT | | O | R 0744 | 88-108-823-080 | C-RES,U 82K-1/16W J | a | b |
| FRONT | | X | R 0745 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0749 | 88-108-474-080 | C-RES,U 470K-1/16W J | a | b |
| FRONT | | O | R 0803 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | O | R 0804 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | X | R 0805 | 88-108-273-080 | C-RES,U 27K-1/16W J | a | b |
| FRONT | | O | R 0806 | 88-108-562-080 | C-RES,U 5.6K-1/16W J | a | b |
| FRONT | | X | R 0807 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | X | R 0808 | 88-121-101-080 | RES,100-1/8W J | a | b |
| FRONT | | O | R 0809 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | | X | R 0810 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| FRONT | | O | R 0811 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | O | R 0813 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | O | R 0815 | 88-108-272-080 | C-RES,U 2.7K-1/16W J | a | b |
| FRONT | | X | R 0816 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | O | R 0818 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | X | R 0819 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| FRONT | | O | R 0820 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| FRONT | | X | R 0821 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | O | R 0822 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| FRONT | | X | R 0823 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| FRONT | | X | R 0824 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| FRONT | | X | R 0825 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| FRONT | | X | R 0826 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | | O | R 0827 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| FRONT | | X | R 0901 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0902 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0903 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0904 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0905 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0906 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0907 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0908 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0909 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0910 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0911 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0912 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0913 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0914 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0915 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0916 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0917 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0918 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0919 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0920 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0921 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0922 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0923 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0924 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0925 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0926 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0927 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0928 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0929 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0930 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0931 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0932 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0933 | 88-121-104-080 | RES,100K-1/8W J | a | b |
| FRONT | | X | R 0934 | 88-108-683-080 | C-RES,U 68K-1/16W J | a | b |
| FRONT | | X | R 0935 | 88-108-683-080 | C-RES,U 68K-1/16W J | a | b |
| FRONT | | X | R 0936 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | | X | R 0937 | 88-128-472-080 | C-RES, 4.7K-1/8W J | a | b |
| FRONT | | X | R 0938 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| FRONT | | X | R 0939 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| FRONT | | X | R 0940 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |

# ELECTRICAL PARTS LIST - 4/14

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| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | X | R | 0941 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | O | R | 0942 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | X | R | 0943 | 88-121-472-080 | RES,4.7K-1/8W J | a | b |
| FRONT | X | R | 0946 | 88-108-000-080 | C-JUMPER,U | a | b |
| FRONT | X | R | 0947 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | X | R | 0948 | 88-121-104-080 | RES,100K-1/8W J | a | b |
| FRONT | O | R | 0951 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| FRONT | X | R | 0955 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | X | R | 0956 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | X | R | 0957 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| FRONT | O | R | 0958 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0959 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | X | R | 0961 | 88-121-181-080 | RES,180-1/8W J | a | b |
| FRONT | O | R | 0963 | 88-108-563-080 | C-RES,U 56K-1/16W J | a | b |
| FRONT | O | R | 0969 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0981 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0982 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0983 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0984 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | X | R | 0985 | 88-121-103-080 | RES,10K-1/8W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | X | R | 0986 | 88-121-103-080 | RES,10K-1/8W J | a | b |
| FRONT | O | R | 0987 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0988 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | R | 0989 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| FRONT | O | S | 0321 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0322 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0323 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0324 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0325 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0326 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0327 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0328 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0329 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0330 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0331 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0332 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0333 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0334 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0335 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0341 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| FRONT | O | S | 0342 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0343 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0344 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0345 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0346 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0347 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0348 | 87-A90-164-080 | SW,TACT SKQNAB(N) | a | b |
| FRONT | O | S | 0361 | 87-A92-370-010 | SW,RTRY RE0123O7PVB30F | a | b |
| FRONT | O | S | 0371 | 87-A92-371-010 | SW,RTRY RE0123PVB30F | a | b |
| HP | O | C | 0223 | 87-010-176-080 | C-CAP,S 680P-50 J SL C2012 | a | b |
| HP | O | C | 0224 | 87-010-176-080 | C-CAP,S 680P-50 J SL C2012 | a | b |
| HP | O | J | 0201 | 87-A60-420-010 | JACK,3.5 ST (MSC) | a | b |
| HP | X | R | 0243 | 88-130-331-080 | RES,330-1/4W J | a | b |
| HP | X | R | 0244 | 88-130-331-080 | RES,330-1/4W J | a | b |
| HP | X | R | 0265 | 88-128-222-080 | C-RES, 2.2K-1/8W J | a | b |
| HP | X | R | 0266 | 88-128-222-080 | C-RES, 2.2K-1/8W J | a | b |
| HP | O | WH | 0201 | 87-A90-459-010 | HLDR,WIRE 2.5-5P | a | b |
| MAIN | O | C | 0003 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | O | C | 0004 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | O | C | 0005 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | O | C | 0006 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | O | C | 0013 | 87-012-282-080 | C-CAP,U 4700P-50 K B GRM | a | b |
| MAIN | O | C | 0014 | 87-010-260-040 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | O | C | 0018 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | O | C | 0019 | 87-A12-442-000 | CAP,E 3300-25 M 85 IV LELON | a | b |
| MAIN | O | C | 0021 | 87-A10-011-010 | CAP,E 2200-25 SMG | a | b |
| MAIN | O | C | 0022 | 87-A10-011-010 | CAP,E 2200-25 SMG | a | b |
| MAIN | O | C | 0025 | 87-010-384-080 | CAP,E 100-25 M 11L SME | a | b |
| MAIN | O | C | 0026 | 87-010-384-080 | CAP,E 100-25 M 11L SME | a | b |
| MAIN | O | C | 0027 | 87-010-384-080 | CAP,E 100-25 M 11L SME | a | b |
| MAIN | O | C | 0028 | 87-010-384-080 | CAP,E 100-25 M 11L SME | a | b |
| MAIN | O | C | 0030 | 87-010-247-080 | CAP,E 100-50 M SME | a | b |
| MAIN | O | C | 0031 | 87-A12-317-080 | C-CAP,U 0.1-50 Z F | a | b |
| MAIN | O | C | 0034 | 87-010-260-040 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | O | C | 0035 | 87-010-405-080 | CAP,E 10-50 M 11L SME | a | b |
| MAIN | O | C | 0036 | 87-010-260-040 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | O | C | 0060 | 87-010-403-080 | CAP,E 3.3-50 M 11L SME | a | b |
| MAIN | O | C | 0061 | 87-010-260-040 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | O | C | 0083 | 87-010-385-080 | CAP,E 220-25 M SME | a | b |
| MAIN | O | C | 0097 | 87-010-831-080 | C-CAP,U 0.1-16 Z F GRM | a | b |

# ELECTRICAL PARTS LIST - 5/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0099 | 87-010-831-080 | C-CAP,U 0.1-16 Z F GRM | a | b |
| MAIN | | O | C 0101 | 87-012-284-080 | C-CAP,U 6800P-50 K B GRM | a | b |
| MAIN | | O | C 0102 | 87-012-284-080 | C-CAP,U 6800P-50 K B GRM | a | b |
| MAIN | | O | C 0103 | 87-010-546-080 | CAP,E 0.33-50 M 11L SME | a | b |
| MAIN | | O | C 0104 | 87-010-546-080 | CAP,E 0.33-50 M 11L SME | a | b |
| MAIN | | O | C 0107 | 87-010-402-080 | CAP,E 2.2-50 M 11L SME | a | b |
| MAIN | | O | C 0108 | 87-010-402-080 | CAP,E 2.2-50 M 11L SME | a | b |
| MAIN | | O | C 0109 | 87-012-199-080 | C-CAP,U 220P-50 J CH GRM | a | b |
| MAIN | | O | C 0110 | 87-012-199-080 | C-CAP,U 220P-50 J CH GRM | a | b |
| MAIN | | O | C 0111 | 87-010-383-080 | CAP,E 33-25 M 11L SME | a | b |
| MAIN | | O | C 0112 | 87-010-383-080 | CAP,E 33-25 M 11L SME | a | b |
| MAIN | | O | C 0113 | 87-A12-087-080 | CAP,E 1-50 SMG | a | b |
| MAIN | | O | C 0114 | 87-A12-087-080 | CAP,E 1-50 SMG | a | b |
| MAIN | | O | C 0115 | 87-A10-260-080 | C-CAP,U 0.1-16 K B | a | b |
| MAIN | | O | C 0117 | 87-012-368-080 | C-CAP,S 0.1-50 Z F GRM | a | b |
| MAIN | | O | C 0118 | 87-012-368-080 | C-CAP,S 0.1-50 Z F GRM | a | b |
| MAIN | | O | C 0119 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0120 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0123 | 87-010-177-080 | C-CAP,S 820P-50 J SL C2012 | a | b |
| MAIN | | O | C 0124 | 87-010-177-080 | C-CAP,S 820P-50 J SL C2012 | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0125 | 87-012-188-080 | C-CAP,U 47P-50 J CH GRM | a | b |
| MAIN | | O | C 0126 | 87-012-188-080 | C-CAP,U 47P-50 J CH GRM | a | b |
| MAIN | | O | C 0133 | 87-012-282-080 | C-CAP,U 4700P-50 K B GRM | a | b |
| MAIN | | O | C 0140 | 87-012-278-080 | C-CAP,U 2200P-50 K B GRM | a | b |
| MAIN | | O | C 0225 | 87-012-368-080 | C-CAP,S 0.1-50 Z F GRM | a | b |
| MAIN | | O | C 0226 | 87-012-368-080 | C-CAP,S 0.1-50 Z F GRM | a | b |
| MAIN | | O | C 0227 | 87-012-368-080 | C-CAP,S 0.1-50 Z F GRM | a | b |
| MAIN | | O | C 0228 | 87-012-368-080 | C-CAP,S 0.1-50 Z F GRM | a | b |
| MAIN | | O | C 0229 | 87-010-191-080 | C-CAP,S 0.015-50 Z F GRM | a | b |
| MAIN | | O | C 0230 | 87-010-191-080 | C-CAP,S 0.015-50 Z F GRM | a | b |
| MAIN | | O | C 0231 | 87-012-287-080 | C-CAP,U 0.015-25 Z F C1608 | a | b |
| MAIN | | O | C 0232 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0241 | 87-010-831-080 | C-CAP,U 0.1-16 Z F GRM | a | b |
| MAIN | | O | C 0301 | 87-012-275-080 | C-CAP,U 1200P-50 K B GRM | a | b |
| MAIN | | O | C 0302 | 87-012-275-080 | C-CAP,U 1200P-50 K B GRM | a | b |
| MAIN | | O | C 0303 | 87-012-275-080 | C-CAP,U 1200P-50 K B GRM | a | b |
| MAIN | | O | C 0304 | 87-012-275-080 | C-CAP,U 1200P-50 K B GRM | a | b |
| MAIN | | O | C 0305 | 87-A10-039-080 | C-CAP,U 470P-50 J CH | a | b |
| MAIN | | O | C 0310 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| MAIN | | O | C 0363 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0451 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0452 | 87-010-406-080 | CAP,E 22-50 M 11L SME | a | b |
| MAIN | | O | C 0453 | 87-012-279-080 | C-CAP,U 2700P-50 K B GRM | a | b |
| MAIN | | O | C 0454 | 87-012-279-080 | C-CAP,U 2700P-50 K B GRM | a | b |
| MAIN | | O | C 0455 | 87-012-279-080 | C-CAP,U 2700P-50 K B GRM | a | b |
| MAIN | | O | C 0456 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | X | C 0457 | 88-708-730-810 | CAP,M 5600P-100 J | a | b |
| MAIN | | O | C 0458 | 87-012-278-080 | C-CAP,U 2200P-50 K B GRM | a | b |
| MAIN | | O | C 0459 | 87-012-271-080 | C-CAP,U 560P-50 K B GRM | a | b |
| MAIN | | O | C 0460 | 87-A12-317-080 | C-CAP,U 0.1-50 Z F | a | b |
| MAIN | | O | C 0461 | 87-012-158-080 | C-CAP,S 390P-50 J CH GRM | a | b |
| MAIN | | O | C 0462 | 87-012-158-080 | C-CAP,S 390P-50 J CH GRM | a | b |
| MAIN | | O | C 0463 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0464 | 87-012-278-080 | C-CAP,U 2200P-50 K B GRM | a | b |
| MAIN | | O | C 0465 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0601 | 87-012-188-080 | C-CAP,U 47P-50 J CH GRM | a | b |
| MAIN | | O | C 0602 | 87-012-188-080 | C-CAP,U 47P-50 J CH GRM | a | b |
| MAIN | | O | C 0603 | 87-010-263-080 | CAP,E 100-10 M 11L SME | a | b |
| MAIN | | O | C 0604 | 87-010-263-080 | CAP,E 100-10 M 11L SME | a | b |
| MAIN | | X | C 0605 | 88-700-740-810 | CAP,M 6800P-50 J AMZV | a | b |
| MAIN | | X | C 0606 | 88-700-740-810 | CAP,M 6800P-50 J AMZV | a | b |
| MAIN | | O | C 0607 | 87-A10-039-080 | C-CAP,U 470P-50 J CH | a | b |
| MAIN | | O | C 0608 | 87-A10-039-080 | C-CAP,U 470P-50 J CH | a | b |
| MAIN | | O | C 0609 | 87-010-401-080 | CAP,E 1-50 M 11L SME | a | b |
| MAIN | | O | C 0610 | 87-010-401-080 | CAP,E 1-50 M 11L SME | a | b |
| MAIN | | O | C 0611 | 87-A12-790-080 | C-CAP,U 560P-50 J CH | a | b |
| MAIN | | O | C 0612 | 87-A12-790-080 | C-CAP,U 560P-50 J CH | a | b |
| MAIN | | O | C 0613 | 87-012-280-080 | C-CAP,U 3300P-50 K B GRM | a | b |
| MAIN | | O | C 0614 | 87-012-280-080 | C-CAP,U 3300P-50 K B GRM | a | b |
| MAIN | | O | C 0615 | 87-010-545-080 | CAP,E 0.22-50 M 11L SME | a | b |
| MAIN | | O | C 0616 | 87-010-545-080 | CAP,E 0.22-50 M 11L SME | a | b |
| MAIN | | O | C 0617 | 87-010-545-080 | CAP,E 0.22-50 M 11L SME | a | b |
| MAIN | | O | C 0618 | 87-010-545-080 | CAP,E 0.22-50 M 11L SME | a | b |
| MAIN | | O | C 0625 | 87-012-198-080 | C-CAP,U 180P-50 J CH GRM | a | b |
| MAIN | | O | C 0626 | 87-012-198-080 | C-CAP,U 180P-50 J CH GRM | a | b |
| MAIN | | O | C 0627 | 87-012-284-080 | C-CAP,U 6800P-50 K B GRM | a | b |
| MAIN | | O | C 0628 | 87-012-284-080 | C-CAP,U 6800P-50 K B GRM | a | b |
| MAIN | | O | C 0629 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0630 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0631 | 87-012-278-080 | C-CAP,U 2200P-50 K B GRM | a | b |

# ELECTRICAL PARTS LIST - 6/14

! = ⚠ SAFTY PARTS
C = Components marked
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Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0632 | 87-012-278-080 | C-CAP,U 2200P-50 K B GRM | a | b |
| MAIN | | O | C 0641 | 87-010-546-080 | CAP,E 0.33-50 M 11L SME | a | b |
| MAIN | | O | C 0642 | 87-010-546-080 | CAP,E 0.33-50 M 11L SME | a | b |
| MAIN | | O | C 0651 | 87-010-248-080 | CAP,E 220-10 M 11L SME | a | b |
| MAIN | | O | C 0652 | 87-010-260-080 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | | O | C 0655 | 87-010-404-080 | CAP,E 4.7-50 M 11L SME | a | b |
| MAIN | | O | C 0656 | 87-010-784-080 | C-CAP,U 0.012-25 K B GRM | a | b |
| MAIN | | O | C 0663 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0664 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0665 | 87-A10-504-080 | C-CAP,U 0.047-16 K B | a | b |
| MAIN | | O | C 0666 | 87-A10-504-080 | C-CAP,U 0.047-16 K B | a | b |
| MAIN | | O | C 0677 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0771 | 87-010-263-080 | CAP,E 100-10 M 11L SME | a | b |
| MAIN | | O | C 0772 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | X | C 0781 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | C 0782 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0783 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0784 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0785 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0786 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0788 | 87-012-167-080 | C-CAP,U 5P-50 C CH GRM | a | b |
| MAIN | | O | C 0789 | 87-016-118-080 | C-CAP,U 0.022-25 J B GRM | a | b |
| MAIN | | O | C 0790 | 87-016-118-080 | C-CAP,U 0.022-25 J B GRM | a | b |
| MAIN | | O | C 0791 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0792 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0793 | 87-010-404-080 | CAP,E 4.7-50 M 11L SME | a | b |
| MAIN | | O | C 0795 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0796 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0797 | 87-010-405-080 | CAP,E 10-50 M 11L SME | a | b |
| MAIN | | O | C 0798 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0799 | 87-010-265-080 | CAP,E 33-16 M 11L SME | a | b |
| MAIN | | O | C 0800 | 87-010-829-080 | C-CAP,U 0.047-16 Z F CM/CB | a | b |
| MAIN | | O | C 0801 | 87-010-403-080 | CAP,E 3.3-50 M 11L SME | a | b |
| MAIN | | O | C 0802 | 87-010-829-080 | C-CAP,U 0.047-16 Z F CM/CB | a | b |
| MAIN | | O | C 0803 | 87-010-787-080 | C-CAP,U 0.022-25 K B GRM | a | b |
| MAIN | | O | C 0804 | 87-010-263-080 | CAP,E 100-10 M 11L SME | a | b |
| MAIN | | O | C 0807 | 87-010-400-080 | CAP,E 0.47-50 M 11L SME | a | b |
| MAIN | | O | C 0808 | 87-010-401-080 | CAP,E 1-50 M 11L SME | a | b |
| MAIN | | O | C 0809 | 87-010-401-080 | CAP,E 1-50 M 11L SME | a | b |
| MAIN | | O | C 0810 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0814 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0815 | 87-010-400-080 | CAP,E 0.47-50 M 11L SME | a | b |
| MAIN | | O | C 0816 | 87-010-400-080 | CAP,E 0.47-50 M 11L SME | a | b |
| MAIN | | O | C 0818 | 87-012-276-080 | C-CAP,U 1500P-50 K B GRM | a | b |
| MAIN | | O | C 0821 | 87-010-405-080 | CAP,E 10-50 M 11L SME | a | b |
| MAIN | | X | C 0822 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | C 0823 | 87-012-349-080 | C-CAP,S 1000P-50 J CH GRM | a | b |
| MAIN | | O | C 0824 | 87-010-404-080 | CAP,E 4.7-50 M 11L SME | a | b |
| MAIN | | O | C 0825 | 87-010-596-080 | C-CAP,S 0.047-16 K R C2012 | a | b |
| MAIN | | O | C 0831 | 87-010-406-080 | CAP,E 22-50 M 11L SME | a | b |
| MAIN | | O | C 0842 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | X | C 0843 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | C 0844 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | X | C 0845 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | X | C 0846 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | X | C 0847 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | X | C 0848 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | X | C 0849 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | C 0850 | 87-010-260-080 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | | O | C 0851 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0852 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0853 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0859 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0860 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0901 | 87-012-162-080 | C-CAP,U 1P-50 C CH GRM | a | b |
| MAIN | | O | C 0902 | 87-012-165-080 | C-CAP,U 3P-50 C CH GRM | a | b |
| MAIN | | O | C 0903 | 87-012-164-080 | C-CAP,U 2P-50 C CH GRM | a | b |
| MAIN | | O | C 0904 | 86-ZA1-615-080 | C-CAP,U 680P-25 J CH | a | b |
| MAIN | | O | C 0905 | 87-012-162-080 | C-CAP,U 1P-50 C CH GRM | a | b |
| MAIN | | O | C 0906 | 87-012-172-080 | C-CAP,U 10P-50 D CH GRM | a | b |
| MAIN | | O | C 0907 | 87-012-166-080 | C-CAP,U 4P-50 C CH GRM | a | b |
| MAIN | | O | C 0908 | 87-012-165-080 | C-CAP,U 3P-50 C CH GRM | a | b |
| MAIN | | O | C 0909 | 86-ZA1-615-080 | C-CAP,U 680P-25 J CH | a | b |
| MAIN | | O | C 0910 | 87-012-164-080 | C-CAP,U 2P-50 C CH GRM | a | b |
| MAIN | | O | C 0911 | 87-012-166-080 | C-CAP,U 4P-50 C CH GRM | a | b |
| MAIN | | O | C 0912 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| MAIN | | O | C 0913 | 86-ZA1-616-080 | C-CAP,U 0.01-50 K B (MUR) | a | b |
| MAIN | | O | C 0914 | 86-ZA1-616-080 | C-CAP,U 0.01-50 K B (MUR) | a | b |
| MAIN | | O | C 0915 | 86-ZA1-616-080 | C-CAP,U 0.01-50 K B (MUR) | a | b |
| MAIN | | O | C 0916 | 86-ZA1-616-080 | C-CAP,U 0.01-50 K B (MUR) | a | b |

# ELECTRICAL PARTS LIST - 7/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | C 0917 | 87-012-178-080 | C-CAP,U 18P-50 J CH GRM | a | b |
| MAIN | | O | C 0918 | 87-012-172-080 | C-CAP,U 10P-50 D CH GRM | a | b |
| MAIN | | O | C 0919 | 87-012-184-080 | C-CAP,U 33P-50 J CH GRM | a | b |
| MAIN | | O | C 0920 | 87-012-184-080 | C-CAP,U 33P-50 J CH GRM | a | b |
| MAIN | | O | C 0921 | 87-012-180-080 | C-CAP,U 22P-50 J CH GRM | a | b |
| MAIN | | O | C 0922 | 87-012-174-080 | C-CAP,U 12P-50 J CH GRM | a | b |
| MAIN | | O | C 0923 | 86-ZA1-616-080 | C-CAP,U 0.01-50 K B (MUR) | a | b |
| MAIN | | O | C 0924 | 87-012-164-080 | C-CAP,U 2P-50 C CH GRM | a | b |
| MAIN | | O | C 0925 | 87-012-164-080 | C-CAP,U 2P-50 C CH GRM | a | b |
| MAIN | | O | C 0926 | 86-ZA1-616-080 | C-CAP,U 0.01-50 K B (MUR) | a | b |
| MAIN | | O | C 0931 | 87-A12-319-080 | C-CAP,U 0.1-25 K B | a | b |
| MAIN | | O | C 0940 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0942 | 87-012-167-080 | C-CAP,U 5P-50 C CH GRM | a | b |
| MAIN | | O | C 0947 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0948 | 87-A10-039-080 | C-CAP,U 470P-50 J CH | a | b |
| MAIN | | O | C 0952 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0958 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0959 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0960 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0962 | 87-010-401-080 | CAP,E 1-50 M 11L SME | a | b |
| MAIN | | O | C 0963 | 87-A12-319-080 | C-CAP,U 0.1-25 K B | a | b |
| MAIN | | O | C 0971 | 87-010-381-080 | CAP,E 330-16 M SME | a | b |
| MAIN | | O | C 0972 | 87-010-404-080 | CAP,E 4.7-50 M 11L SME | a | b |
| MAIN | | O | C 0973 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0974 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0979 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| MAIN | | O | C 0981 | 87-010-260-080 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | | O | C 0982 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0983 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0984 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0985 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| MAIN | | O | C 0987 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0989 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | C 0991 | 87-012-176-080 | C-CAP,U 15P-50 J CH GRM | a | b |
| MAIN | | O | C 0992 | 87-012-176-080 | C-CAP,U 15P-50 J CH GRM | a | b |
| MAIN | | O | C 0993 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| MAIN | | O | C 0995 | 87-012-274-080 | C-CAP,U 1000P-50 K B GRM | a | b |
| MAIN | | O | C 0997 | 87-010-759-080 | C-CAP,U 0.1-25 Z F CM/CB | a | b |
| MAIN | | O | C 0998 | 87-010-260-080 | CAP,E 47-25 M 11L SME | a | b |
| MAIN | | O | C 0999 | 87-A11-155-080 | CAP,TC U 0.01-16 Z F | a | b |
| MAIN | | O | CF 0831 | 87-008-423-010 | FLTR,CF SFE10.7MS3G-A | a | b |
| MAIN | | O | CF 0832 | 82-785-747-010 | CF,MS2GH-A | a | b |
| MAIN | | O | CN 0301 | 87-A60-620-010 | CONN,3P V 2MM JMT | a | b |
| MAIN | | O | CN 0302 | 87-A60-625-010 | CONN,8P V 2MM JMT | a | b |
| MAIN | | O | CN 0601 | 87-099-719-010 | CONN,30P H BLK TYK-B(X) | a | b |
| MAIN | | O | CN 0602 | 87-099-194-010 | CONN,6P V BLK 6216 | a | b |
| MAIN | | O | CNA0301 | 8C-NF9-605-010 | CONN ASSY,3P -PB | a | b |
| MAIN | | O | CNA0302 | 8C-NF9-606-010 | CONN ASSY,8P -RPB | a | b |
| MAIN | | S | D 0003 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0004 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0005 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0006 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0007 | 87-A40-455-090 | DIODE,RL203 GW | a | b |
| MAIN | | S | D 0008 | 87-A40-455-090 | DIODE,RL203 GW | a | b |
| MAIN | | S | D 0011 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0012 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0013 | 87-A40-345-080 | ZENER,MTZJ10C | a | b |
| MAIN | | S | D 0025 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0026 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0027 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0028 | 87-A40-553-080 | DIODE,1N4003 LES | a | b |
| MAIN | | S | D 0029 | 87-A40-336-080 | ZENER,MTZJ27D T-72 | a | b |
| MAIN | | S | D 0033 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0060 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0063 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0064 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |
| MAIN | | S | D 0092 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0101 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |
| MAIN | | S | D 0103 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0104 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0105 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |
| MAIN | | S | D 0106 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |
| MAIN | | S | D 0107 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0108 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0160 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0280 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |
| MAIN | | S | D 0281 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0301 | 87-A40-269-080 | C-DIODE,MC2836 | a | b |
| MAIN | | S | D 0661 | 87-A40-438-080 | ZENER,MTZJ4.7A | a | b |
| MAIN | | S | D 0662 | 87-A40-438-080 | ZENER,MTZJ4.7A | a | b |

# ELECTRICAL PARTS LIST - 8/14

! = ⚠ SAFTY PARTS
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Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | S | D 0801 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0803 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | O | D 0901 | 87-A41-048-040 | C-VARI-CAP,HVM16-03 TL | a | b |
| MAIN | | O | D 0902 | 87-A41-048-040 | C-VARI-CAP,HVM16-03 TL | a | b |
| MAIN | | O | D 0903 | 87-A41-048-040 | C-VARI-CAP,HVM16-03 TL | a | b |
| MAIN | | S | D 0942 | 87-A40-270-080 | C-DIODE,MC2838 | a | b |
| MAIN | | S | D 0944 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | O | D 0951 | 87-A40-799-040 | C-VARI-CAP,KV1610S | a | b |
| MAIN | | S | D 0991 | 87-017-149-080 | ZENER,HZS6A2L | a | b |
| MAIN | | S | D 0992 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | S | D 0994 | 87-020-465-080 | DIODE,1SS133 | a | b |
| MAIN | | X | FB 0601 | 88-118-000-080 | C-JUMPER,S | a | b |
| MAIN | | X | FB 0602 | 88-118-000-080 | C-JUMPER,S | a | b |
| MAIN | | X | FB 0603 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| MAIN | | O | FFC0602 | 88-906-251-110 | FF-CABLE,6P 1.25 | a | b |
| MAIN | | S | IC 0001 | 87-A21-364-010 | IC,NJM7806FA(A) | a | b |
| MAIN | | S | IC 0601 | 87-A22-236-040 | C-IC,BD3881FV | a | b |
| MAIN | | S | IC 0801 | 87-A22-060-010 | IC,LA1845N-A | a | b |
| MAIN | | S | IC 0991 | 87-A21-928-010 | IC,LC72131D-N | a | b |
| MAIN | | O | J 0203 | 87-A60-238-010 | TERMINAL,SP 4P (MSC) | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | J 0602 | 87-A60-881-010 | JACK,PIN 2P MSP 242V05 PBSN | a | b |
| MAIN | | O | J 0832 | 87-A60-403-010 | TERMINAL,ANT PAL 2P HSP-312V05 | a | b |
| MAIN | | X | JR 0808 | 88-108-474-080 | C-RES,U 470K-1/16W J | a | b |
| MAIN | | O | L 0201 | 87-A50-611-010 | COIL,1UH K(CS) | a | b |
| MAIN | | O | L 0202 | 87-A50-611-010 | COIL,1UH K(CS) | a | b |
| MAIN | | O | L 0451 | 87-007-342-010 | COIL,OSC 85KHZ BIAS | a | b |
| MAIN | | O | L 0801 | 87-A50-608-010 | COIL,FM DET-N(TOK) | a | b |
| MAIN | | O | L 0802 | 87-A91-551-010 | FLTR,PCFJZH-450 L(TOK) | a | b |
| MAIN | | O | L 0811 | 87-005-847-080 | COIL,2.2UH K CECS | a | b |
| MAIN | | O | L 0832 | 87-005-847-080 | COIL,2.2UH K CECS | a | b |
| MAIN | | O | L 0901 | 86-ZA1-612-010 | COIL,FM ANT/RF-1-Z | a | b |
| MAIN | | O | L 0902 | 86-ZA1-613-010 | COIL,FM ANT/RF-2-Z | a | b |
| MAIN | | O | L 0903 | 87-005-847-080 | COIL,2.2UH K CECS | a | b |
| MAIN | | O | L 0904 | 86-ZA1-612-010 | COIL,FM ANT/RF-1-Z | a | b |
| MAIN | | O | L 0905 | 86-ZA1-613-010 | COIL,FM ANT/RF-2-Z | a | b |
| MAIN | | O | L 0906 | 87-005-847-080 | COIL,2.2UH K CECS | a | b |
| MAIN | | O | L 0907 | 86-ZA1-614-010 | COIL,FM OSC-Z | a | b |
| MAIN | | O | L 0908 | 88-ZA1-624-010 | COIL,FM IFT 7-6.2 (COILS) | a | b |
| MAIN | | O | L 0941 | 87-A50-020-010 | COIL,ANT LW (COI) 252KHZ | a | b |
| MAIN | | O | L 0942 | 87-A50-019-010 | COIL,OSC LW (COI) 856KHZ | a | b |
| MAIN | | O | L 0952 | 87-A50-754-010 | COIL,MW ANT(3BLW) | a | b |
| MAIN | | O | L 0953 | 87-A50-755-010 | COIL,MW OSC(3BLW) | a | b |
| MAIN | | S | Q 0001 | 87-A30-494-080 | TR,2SA1980G | a | b |
| MAIN | | S | Q 0002 | 87-A30-494-080 | TR,2SA1980G | a | b |
| MAIN | | S | Q 0003 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0009 | 87-A30-494-080 | TR,2SA1980G | a | b |
| MAIN | | S | Q 0010 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0011 | 87-A30-614-010 | TR,2SB1548 | a | b |
| MAIN | | S | Q 0012 | 87-A30-630-080 | TR,2SC5343GL | a | b |
| MAIN | | S | Q 0013 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0014 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0060 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0061 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0062 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0063 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0064 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0101 | 87-A30-257-080 | C-TR,2SD1306E | a | b |
| MAIN | | S | Q 0102 | 87-A30-257-080 | C-TR,2SD1306E | a | b |
| MAIN | | S | Q 0103 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0104 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0105 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0106 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0107 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0108 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0109 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0110 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0111 | 87-A30-630-080 | TR,2SC5343GL | a | b |
| MAIN | | S | Q 0112 | 87-A30-630-080 | TR,2SC5343GL | a | b |
| MAIN | | S | Q 0113 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0114 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0117 | 87-A30-255-010 | TR,2SB1342 | a | b |
| MAIN | | S | Q 0118 | 87-A30-255-010 | TR,2SB1342 | a | b |
| MAIN | | S | Q 0119 | 87-A30-256-010 | TR,2SD1933 | a | b |
| MAIN | | S | Q 0120 | 87-A30-256-010 | TR,2SD1933 | a | b |
| MAIN | | S | Q 0123 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0124 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0126 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0130 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0131 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0280 | 87-A30-538-040 | C-TR,SRA2202S | a | b |

# ELECTRICAL PARTS LIST - 9/14

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| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | S | Q 0281 | 87-A30-075-080 | C-TR,2SA1235F | a | b |
| MAIN | | S | Q 0301 | 87-A30-091-080 | FET,2SJ460 | a | b |
| MAIN | | S | Q 0302 | 87-A30-091-080 | FET,2SJ460 | a | b |
| MAIN | | S | Q 0303 | 87-A30-090-080 | FET,2SK2541 | a | b |
| MAIN | | S | Q 0304 | 87-A30-090-080 | FET,2SK2541 | a | b |
| MAIN | | S | Q 0305 | 87-A30-091-080 | FET,2SJ460 | a | b |
| MAIN | | S | Q 0306 | 87-A30-091-080 | FET,2SJ460 | a | b |
| MAIN | | S | Q 0307 | 87-A30-090-080 | FET,2SK2541 | a | b |
| MAIN | | S | Q 0308 | 87-A30-090-080 | FET,2SK2541 | a | b |
| MAIN | | S | Q 0309 | 87-A30-090-080 | FET,2SK2541 | a | b |
| MAIN | | S | Q 0451 | 87-A30-630-080 | TR,2SC5343GL | a | b |
| MAIN | | S | Q 0452 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0453 | 89-333-317-880 | TR,2SC3331(T/U) | a | b |
| MAIN | | S | Q 0454 | 89-333-317-880 | TR,2SC3331(T/U) | a | b |
| MAIN | | S | Q 0455 | 87-A30-119-040 | C-TR,2SC3906K R | a | b |
| MAIN | | S | Q 0456 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0601 | 87-A30-538-040 | C-TR,SRA2202S | a | b |
| MAIN | | S | Q 0651 | 87-A30-087-080 | C-FET,2SK2158 | a | b |
| MAIN | | S | Q 0652 | 87-A30-087-080 | C-FET,2SK2158 | a | b |
| MAIN | | S | Q 0653 | 87-A30-076-080 | C-TR,2SC3052F | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | S | Q 0835 | 87-A30-521-080 | C-TR,2SC5345SF/S(O) | a | b |
| MAIN | | S | Q 0836 | 87-A30-677-040 | C-TR,SRA2207S | a | b |
| MAIN | | S | Q 0901 | 89-503-602-080 | C-FET,2SK360E | a | b |
| MAIN | | S | Q 0902 | 87-A30-664-080 | C-TR,2SC2620B | a | b |
| MAIN | | S | Q 0903 | 87-A30-664-080 | C-TR,2SC2620B | a | b |
| MAIN | | S | Q 0904 | 87-A30-664-080 | C-TR,2SC2620B | a | b |
| MAIN | | S | Q 0905 | 87-A30-664-080 | C-TR,2SC2620B | a | b |
| MAIN | | S | Q 0948 | 87-A30-675-040 | C-TR,2SD1306NE07TL | a | b |
| MAIN | | S | Q 0951 | 87-A30-538-040 | C-TR,SRA2202S | a | b |
| MAIN | | S | Q 0952 | 87-A30-675-040 | C-TR,2SD1306NE07TL | a | b |
| MAIN | | S | Q 0953 | 89-503-602-080 | C-FET,2SK360E | a | b |
| MAIN | | S | Q 0981 | 87-A30-494-080 | TR,2SA1980G | a | b |
| MAIN | | S | Q 0982 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | S | Q 0983 | 87-A30-076-080 | C-TR,2SC3052F | a | b |
| MAIN | | X | R 0001 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| MAIN | | X | R 0005 | 88-100-000-010 | PLATING-JW, 0.58 SN95 | a | b |
| MAIN | | O | R 0009 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | O | R 0010 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | X | R 0011 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0012 | 88-118-472-080 | C-RES,S 4.7K-1/10W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | R 0013 | 88-118-472-080 | C-RES,S 4.7K-1/10W J | a | b |
| MAIN | | X | R 0014 | 88-118-100-080 | C-RES,S 10-1/10W J | a | b |
| MAIN | | X | R 0015 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0016 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0017 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0018 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0019 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0020 | 88-129-000-080 | C-JUMPER, 3216 | a | b |
| MAIN | | X | R 0024 | 88-118-103-080 | C-RES,S 10K-1/10W J | a | b |
| MAIN | | X | R 0026 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0027 | 88-118-000-080 | C-JUMPER,S | a | b |
| MAIN | | X | R 0028 | 88-108-221-080 | C-RES,U 220-1/16W J | a | b |
| MAIN | | O | R 0029 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | X | R 0031 | 88-108-154-080 | C-RES,U 150K-1/16W J | a | b |
| MAIN | | X | R 0032 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0035 | 88-118-123-080 | C-RES,S 12K-1/10W J | a | b |
| MAIN | | X | R 0036 | 88-130-182-080 | RES,1.8K-1/4W J | a | b |
| MAIN | | X | R 0042 | 88-121-331-080 | RES,330-1/8W J | a | b |
| MAIN | | X | R 0043 | 88-121-331-080 | RES,330-1/8W J | a | b |
| MAIN | | X | R 0044 | 88-121-331-080 | RES,330-1/8W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | R 0045 | 88-121-331-080 | RES,330-1/8W J | a | b |
| MAIN | | X | R 0046 | 88-121-821-080 | RES,820-1/8W J | a | b |
| MAIN | | O | R 0052 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0056 | 88-108-680-080 | C-RES,U 68-1/16W J | a | b |
| MAIN | | X | R 0057 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | O | R 0058 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0059 | 88-108-221-080 | C-RES,U 220-1/16W J | a | b |
| MAIN | | X | R 0060 | 88-108-471-080 | C-RES,U 470-1/16W J | a | b |
| MAIN | | O | R 0061 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0065 | 88-108-123-080 | C-RES,U 12K-1/16W J | a | b |
| MAIN | | X | R 0066 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | O | R 0076 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0081 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | X | R 0091 | 88-130-221-080 | RES,220-1/4W J | a | b |
| MAIN | | X | R 0092 | 88-130-221-080 | RES,220-1/4W J | a | b |
| MAIN | | X | R 0103 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0104 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0105 | 88-108-273-080 | C-RES,U 27K-1/16W J | a | b |
| MAIN | | X | R 0106 | 88-108-273-080 | C-RES,U 27K-1/16W J | a | b |
| MAIN | | O | R 0107 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |

# ELECTRICAL PARTS LIST - 10/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | R 0108 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | X | R 0111 | 88-118-102-080 | C-RES,S 1K-1/10W J | a | b |
| MAIN | | X | R 0112 | 88-118-102-080 | C-RES,S 1K-1/10W J | a | b |
| MAIN | | X | R 0113 | 88-118-273-080 | C-RES,S 27K-1/10W J | a | b |
| MAIN | | X | R 0114 | 88-118-273-080 | C-RES,S 27K-1/10W J | a | b |
| MAIN | | X | R 0117 | 88-128-103-080 | C-RES, 10K-1/8W J | a | b |
| MAIN | | X | R 0118 | 88-128-103-080 | C-RES, 10K-1/8W J | a | b |
| MAIN | | X | R 0119 | 88-118-101-080 | C-RES,S 100-1/10W J | a | b |
| MAIN | | X | R 0120 | 88-118-101-080 | C-RES,S 100-1/10W J | a | b |
| MAIN | | X | R 0121 | 88-118-101-080 | C-RES,S 100-1/10W J | a | b |
| MAIN | | X | R 0122 | 88-118-101-080 | C-RES,S 100-1/10W J | a | b |
| MAIN | | X | R 0123 | 88-128-102-080 | C-RES, 1K-1/8W J | a | b |
| MAIN | | X | R 0124 | 88-128-102-080 | C-RES, 1K-1/8W J | a | b |
| MAIN | | X | R 0125 | 88-128-102-080 | C-RES, 1K-1/8W J | a | b |
| MAIN | | X | R 0126 | 88-128-102-080 | C-RES, 1K-1/8W J | a | b |
| MAIN | | X | R 0127 | 88-118-390-080 | C-RES,S 39-1/10W J | a | b |
| MAIN | | X | R 0128 | 88-118-390-080 | C-RES,S 39-1/10W J | a | b |
| MAIN | | X | R 0129 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0130 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0131 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0132 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0133 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| MAIN | | X | R 0134 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| MAIN | | X | R 0135 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| MAIN | | X | R 0136 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| MAIN | | O | R 0137 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | O | R 0138 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | O | R 0139 | 88-108-562-080 | C-RES,U 5.6K-1/16W J | a | b |
| MAIN | | O | R 0140 | 88-108-562-080 | C-RES,U 5.6K-1/16W J | a | b |
| MAIN | | X | R 0141 | 88-118-102-080 | C-RES,S 1K-1/10W J | a | b |
| MAIN | | X | R 0142 | 88-118-102-080 | C-RES,S 1K-1/10W J | a | b |
| MAIN | | X | R 0143 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0144 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0145 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0146 | 88-128-109-080 | C-RES, 1-1/8W J | a | b |
| MAIN | | X | R 0157 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0158 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | O | R 0159 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0160 | 88-118-103-080 | C-RES,S 10K-1/10W J | a | b |
| MAIN | | X | R 0165 | 88-118-152-080 | C-RES,S 1.5K-1/10W J | a | b |
| MAIN | | X | R 0166 | 88-118-152-080 | C-RES,S 1.5K-1/10W J | a | b |
| MAIN | | O | R 0167 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0168 | 88-118-473-080 | C-RES,S 47K-1/10W J | a | b |
| MAIN | | X | R 0171 | 88-118-222-080 | C-RES,S 2.2K-1/10W J | a | b |
| MAIN | | X | R 0172 | 88-118-222-080 | C-RES,S 2.2K-1/10W J | a | b |
| MAIN | | X | R 0173 | 88-118-182-080 | C-RES,S 1.8K-1/10W J | a | b |
| MAIN | | X | R 0174 | 88-118-182-080 | C-RES,S 1.8K-1/10W J | a | b |
| MAIN | | X | R 0175 | 88-118-331-080 | C-RES,S 330-1/10W J | a | b |
| MAIN | | X | R 0176 | 88-118-331-080 | C-RES,S 330-1/10W J | a | b |
| MAIN | | X | R 0178 | 88-118-103-080 | C-RES,S 10K-1/10W J | a | b |
| MAIN | | O | R 0179 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| MAIN | | O | R 0180 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| MAIN | | X | R 0181 | 88-108-392-080 | C-RES,U 3.9K-1/16W J | a | b |
| MAIN | | X | R 0182 | 88-108-392-080 | C-RES,U 3.9K-1/16W J | a | b |
| MAIN | | X | R 0183 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0184 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0185 | 88-108-683-080 | C-RES,U 68K-1/16W J | a | b |
| MAIN | | X | R 0186 | 88-108-105-080 | C-RES,U 1M-1/16W J | a | b |
| MAIN | | X | R 0187 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | X | R 0247 | 88-130-100-080 | RES,10-1/4W J | a | b |
| MAIN | | X | R 0248 | 88-130-100-080 | RES,10-1/4W J | a | b |
| MAIN | | X | R 0249 | 88-128-100-080 | C-RES, 10-1/8W J | a | b |
| MAIN | | X | R 0250 | 88-128-100-080 | C-RES, 10-1/8W J | a | b |
| MAIN | | X | R 0280 | 88-118-473-080 | C-RES,S 47K-1/10W J | a | b |
| MAIN | | X | R 0281 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0282 | 88-118-103-080 | C-RES,S 10K-1/10W J | a | b |
| MAIN | | X | R 0283 | 88-118-224-080 | C-RES,S 220K-1/10W J | a | b |
| MAIN | | X | R 0284 | 88-118-224-080 | C-RES,S 220K-1/10W J | a | b |
| MAIN | | X | R 0285 | 88-118-333-080 | C-RES,S 33K-1/10W J | a | b |
| MAIN | | X | R 0286 | 88-118-473-080 | C-RES,S 47K-1/10W J | a | b |
| MAIN | | X | R 0287 | 88-118-473-080 | C-RES,S 47K-1/10W J | a | b |
| MAIN | | X | R 0301 | 88-108-393-080 | C-RES,U 39K-1/16W J | a | b |
| MAIN | | X | R 0302 | 88-108-393-080 | C-RES,U 39K-1/16W J | a | b |
| MAIN | | O | R 0303 | 88-108-823-080 | C-RES,U 82K-1/16W J | a | b |
| MAIN | | O | R 0304 | 88-108-823-080 | C-RES,U 82K-1/16W J | a | b |
| MAIN | | O | R 0305 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| MAIN | | X | R 0451 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0453 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0454 | 88-121-829-080 | RES,8.2-1/8W J | a | b |
| MAIN | | X | R 0455 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |

# ELECTRICAL PARTS LIST - 11/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | R 0456 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | X | R 0457 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | O | R 0458 | 88-108-563-080 | C-RES,U 56K-1/16W J | a | b |
| MAIN | | X | R 0459 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0461 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0462 | 88-108-471-080 | C-RES,U 470-1/16W J | a | b |
| MAIN | | X | R 0467 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | O | R 0468 | 88-108-272-080 | C-RES,U 2.7K-1/16W J | a | b |
| MAIN | | X | R 0469 | 88-108-150-080 | C-RES,U 15-1/16W J | a | b |
| MAIN | | X | R 0601 | 88-108-820-080 | C-RES,U 82-1/16W J | a | b |
| MAIN | | X | R 0602 | 88-108-820-080 | C-RES,U 82-1/16W J | a | b |
| MAIN | | X | R 0603 | 88-108-394-080 | C-RES,U 390K-1/16W J | a | b |
| MAIN | | X | R 0604 | 88-108-394-080 | C-RES,U 390K-1/16W J | a | b |
| MAIN | | X | R 0605 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| MAIN | | X | R 0606 | 88-108-122-080 | C-RES,U 1.2K-1/16W J | a | b |
| MAIN | | X | R 0607 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | X | R 0608 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | X | R 0609 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0610 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | O | R 0611 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | R 0612 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | X | R 0613 | 88-108-273-080 | C-RES,U 27K-1/16W J | a | b |
| MAIN | | X | R 0614 | 88-108-273-080 | C-RES,U 27K-1/16W J | a | b |
| MAIN | | O | R 0615 | 88-108-153-080 | C-RES,U 15K-1/16W J | a | b |
| MAIN | | O | R 0616 | 88-108-153-080 | C-RES,U 15K-1/16W J | a | b |
| MAIN | | O | R 0617 | 88-108-153-080 | C-RES,U 15K-1/16W J | a | b |
| MAIN | | O | R 0619 | 88-108-153-080 | C-RES,U 15K-1/16W J | a | b |
| MAIN | | O | R 0621 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| MAIN | | O | R 0622 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| MAIN | | X | R 0623 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| MAIN | | X | R 0624 | 88-108-182-080 | C-RES,U 1.8K-1/16W J | a | b |
| MAIN | | O | R 0625 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0626 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0627 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0628 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | O | R 0629 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0630 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0631 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0632 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0633 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0634 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | O | R 0635 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0636 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0637 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0638 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | X | R 0639 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | X | R 0640 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | X | R 0641 | 88-121-223-080 | RES,22K-1/8W J | a | b |
| MAIN | | X | R 0642 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0643 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0644 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | O | R 0649 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| MAIN | | O | R 0650 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| MAIN | | O | R 0651 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | O | R 0652 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | X | R 0656 | 88-121-394-080 | RES,390K-1/8W J | a | b |
| MAIN | | X | R 0657 | 88-108-274-080 | C-RES,U 270K-1/16W J | a | b |
| MAIN | | X | R 0658 | 88-108-274-080 | C-RES,U 270K-1/16W J | a | b |
| MAIN | | X | R 0659 | 88-108-394-080 | C-RES,U 390K-1/16W J | a | b |
| MAIN | | X | R 0660 | 88-108-274-080 | C-RES,U 270K-1/16W J | a | b |
| MAIN | | X | R 0661 | 88-108-392-080 | C-RES,U 3.9K-1/16W J | a | b |
| MAIN | | X | R 0662 | 88-108-392-080 | C-RES,U 3.9K-1/16W J | a | b |
| MAIN | | O | R 0672 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | X | R 0673 | 88-108-392-080 | C-RES,U 3.9K-1/16W J | a | b |
| MAIN | | X | R 0674 | 88-108-273-080 | C-RES,U 27K-1/16W J | a | b |
| MAIN | | O | R 0677 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | O | R 0678 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | O | R 0789 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| MAIN | | O | R 0790 | 87-012-286-080 | C-CAP,U 0.01-25 K B GRM | a | b |
| MAIN | | O | R 0791 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | X | R 0793 | 88-108-221-080 | C-RES,U 220-1/16W J | a | b |
| MAIN | | X | R 0795 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | R 0801 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0802 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | X | R 0803 | 88-128-183-080 | C-RES, 18K-1/8W J | a | b |
| MAIN | | X | R 0804 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | R 0805 | 88-108-332-080 | C-RES,U 3.3K-1/16W J | a | b |
| MAIN | | X | R 0806 | 88-108-682-080 | C-RES,U 6.8K-1/16W J | a | b |
| MAIN | | O | R 0809 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0810 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |

# ELECTRICAL PARTS LIST - 12/14

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | R 0811 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | X | R 0812 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | R 0813 | 88-108-224-080 | C-RES,U 220K-1/16W J | a | b |
| MAIN | | X | R 0814 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0815 | 88-121-682-080 | RES,6.8K-1/8W J | a | b |
| MAIN | | O | R 0818 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0821 | 88-108-000-080 | C-JUMPER,U | a | b |
| MAIN | | O | R 0823 | 88-108-473-080 | C-RES,U 47K-1/16W J | a | b |
| MAIN | | O | R 0826 | 88-108-223-080 | C-RES,U 22K-1/16W J | a | b |
| MAIN | | X | R 0832 | 88-108-391-080 | C-RES,U 390-1/16W J | a | b |
| MAIN | | X | R 0840 | 88-108-221-080 | C-RES,U 220-1/16W J | a | b |
| MAIN | | O | R 0850 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0851 | 88-118-470-080 | C-RES,S 47-1/10W J | a | b |
| MAIN | | O | R 0853 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | X | R 0854 | 88-108-331-080 | C-RES,U 330-1/16W J | a | b |
| MAIN | | X | R 0855 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | O | R 0856 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0857 | 88-108-181-080 | C-RES,U 180-1/16W J | a | b |
| MAIN | | X | R 0858 | 88-108-271-080 | C-RES,U 270-1/16W J | a | b |
| MAIN | | O | R 0860 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | R 0901 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0902 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0903 | 88-108-330-080 | C-RES,U 33-1/16W J | a | b |
| MAIN | | O | R 0904 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0905 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | X | R 0906 | 88-108-564-080 | C-RES,U 560K-1/16W J | a | b |
| MAIN | | X | R 0908 | 88-108-271-080 | C-RES,U 270-1/16W J | a | b |
| MAIN | | X | R 0909 | 88-108-181-080 | C-RES,U 180-1/16W J | a | b |
| MAIN | | X | R 0910 | 88-108-334-080 | C-RES,U 330K-1/16W J | a | b |
| MAIN | | X | R 0911 | 88-108-181-080 | C-RES,U 180-1/16W J | a | b |
| MAIN | | X | R 0912 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0913 | 88-108-152-080 | C-RES,U 1.5K-1/16W J | a | b |
| MAIN | | X | R 0914 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | X | R 0915 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0916 | 88-108-470-080 | C-RES,U 47-1/16W J | a | b |
| MAIN | | O | R 0926 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | O | R 0944 | 88-108-101-080 | C-RES,U 100-1/16W J | a | b |
| MAIN | | X | R 0945 | 88-108-104-080 | C-RES,U 100K-1/16W J | a | b |
| MAIN | | X | R 0947 | 88-108-183-080 | C-RES,U 18K-1/16W J | a | b |
| MAIN | | X | R 0948 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | O | R 0952 | 88-108-562-080 | C-RES,U 5.6K-1/16W J | a | b |
| MAIN | | X | R 0954 | 88-108-222-080 | C-RES,U 2.2K-1/16W J | a | b |
| MAIN | | X | R 0956 | 88-108-471-080 | C-RES,U 470-1/16W J | a | b |
| MAIN | | X | R 0958 | 88-108-472-080 | C-RES,U 4.7K-1/16W J | a | b |
| MAIN | | O | R 0959 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0962 | 88-121-102-080 | RES,1K-1/8W J | a | b |
| MAIN | | X | R 0964 | 88-108-330-080 | C-RES,U 33-1/16W J | a | b |
| MAIN | | O | R 0968 | 88-108-822-080 | C-RES,U 8.2K-1/16W J | a | b |
| MAIN | | O | R 0969 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0973 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0975 | 88-108-562-080 | C-RES,U 5.6K-1/16W J | a | b |
| MAIN | | O | R 0976 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0977 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | X | R 0978 | 88-108-681-080 | C-RES,U 680-1/16W J | a | b |
| MAIN | | O | R 0979 | 88-108-123-080 | C-RES,U 12K-1/16W J | a | b |
| MAIN | | X | R 0980 | 88-108-684-080 | C-RES,U 680K-1/16W J | a | b |
| MAIN | | X | R 0981 | 88-121-471-080 | RES,470-1/8W J | a | b |
| MAIN | | X | R 0982 | 88-108-682-080 | C-RES,U 6.8K-1/16W J | a | b |
| MAIN | | X | R 0983 | 88-108-392-080 | C-RES,U 3.9K-1/16W J | a | b |
| MAIN | | O | R 0984 | 88-108-562-080 | C-RES,U 5.6K-1/16W J | a | b |

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | X | R 0985 | 88-121-471-080 | RES,470-1/8W J | a | b |
| MAIN | | X | R 0986 | 88-121-221-080 | RES,220-1/8W J | a | b |
| MAIN | | X | R 0987 | 88-121-472-080 | RES,4.7K-1/8W J | a | b |
| MAIN | | O | R 0988 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0989 | 88-121-102-080 | RES,1K-1/8W J | a | b |
| MAIN | | O | R 0990 | 88-108-563-080 | C-RES,U 56K-1/16W J | a | b |
| MAIN | | O | R 0991 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| MAIN | | O | R 0992 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0993 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| MAIN | | O | R 0994 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | R 0995 | 87-012-195-080 | C-CAP,U 100P-50 J CH GRM | a | b |
| MAIN | | O | R 0996 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | X | R 0997 | 88-108-154-080 | C-RES,U 150K-1/16W J | a | b |
| MAIN | | O | R 0998 | 88-108-102-080 | C-RES,U 1K-1/16W J | a | b |
| MAIN | | O | R 0999 | 88-108-103-080 | C-RES,U 10K-1/16W J | a | b |
| MAIN | | O | RY 0001 | 87-A91-339-010 | RELAY,AC DC12V G5PA-2 | a | b |
| MAIN | | O | SFR0451 | 87-024-435-080 | SFR,33K H RH063MC | a | b |
| MAIN | | O | SFR0452 | 87-024-435-080 | SFR,33K H RH063MC | a | b |
| MAIN | | X | SH 0901 | 8C-NF9-619-010 | SHLD-CASE,CNF-9 EZ P | a | b |
| MAIN | | O | TC 0942 | 87-A91-774-080 | TRIMMER,PLY 30P 6.8X5.4 CDYL | a | b |

# ELECTRICAL PARTS LIST - 13/14

! = ⚠ SAFTY PARTS
C = Components marked
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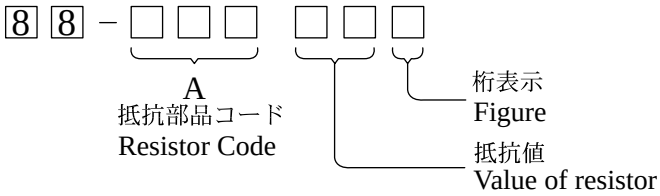
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| MAIN | | O | TH 0101 | 87-A91-042-080 | C-THMS,100K 55001 | a | b |
| MAIN | | O | TH 0102 | 87-A91-042-080 | C-THMS,100K 55001 | a | b |
| MAIN | | O | W 0101 | 8B-NF1-640-010 | F-CABLE,5P 2.5 250MM | a | b |
| MAIN | | O | WH 0001 | 87-A90-459-010 | HLDR,WIRE 2.5-5P | a | b |
| MAIN | | O | WH 0101 | 87-A90-459-010 | HLDR,WIRE 2.5-5P | a | b |
| MAIN | | O | X 0992 | 87-A70-306-010 | VIB,XTAL 4.500MHZ CSA-309ST | a | b |
| PT | | O | C 0091 | 87-A12-317-080 | C-CAP,U 0.1-50 Z F | a | b |
| PT | ! | O | PT 0001 | 8C-NFA-601-010 | PT,CNF-A EZ | a | b |
| PT | ! | O | T 0001 | 87-A60-317-010 | TERMINAL, 1P MSC | a | b |
| PT | ! | O | T 0002 | 87-A60-317-010 | TERMINAL, 1P MSC | a | b |
| PT | | O | W 0099 | 8C-NFA-605-010 | F-CABLE,5P 2.5 480MM | a | b |
| PT | | O | WH 0002 | 87-A90-459-010 | HLDR,WIRE 2.5-5P | a | b |

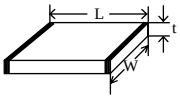
- Regarding connectors, they are not stocked as they are not the initial order items.
  The connectors are available after they are supplied from connector manufacturers upon the order is received.

○チップ抵抗部品コード／CHIP RESISTOR PART CODE

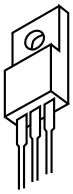
チップ抵抗部品コードの成り立ち
Chip Resistor Part Coding




チップ抵抗
Chip resistor

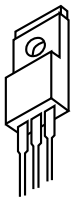
| 容量 Wattage | 種類 Type | 許容誤差 Tolerance | 記号 Symbol | 寸法／Dimensions (mm) 外形／Form | L | W | t | 抵抗コード ：A Resistor Code：A |
|---|---|---|---|---|---|---|---|---|
| 1/16W | 1005 | ± 5% | CJ |  | 1.0 | 0.5 | 0.35 | 104 |
| 1/16W | 1608 | ± 5% | CJ | | 1.6 | 0.8 | 0.45 | 108 |
| 1/10W | 2125 | ± 5% | CJ | | 2 | 1.25 | 0.45 | 118 |
| 1/8W | 3216 | ± 5% | CJ | | 3.2 | 1.6 | 0.55 | 128 |

TRANSISTOR ILLUSTRATION -1/1



B C E

2SB1548



B C E

2SB1342
2SD1933

E C B

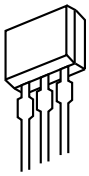
2SA1980G
2SA1981Y
2SC3331(T/U)

E C B

2SC5343GL

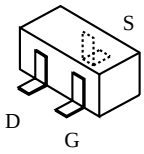
E C B

2SA1585SR

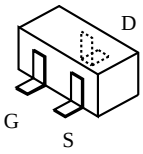


2SJ460
2SK2541

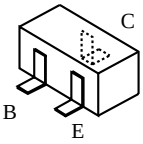
S D G




2SK360E



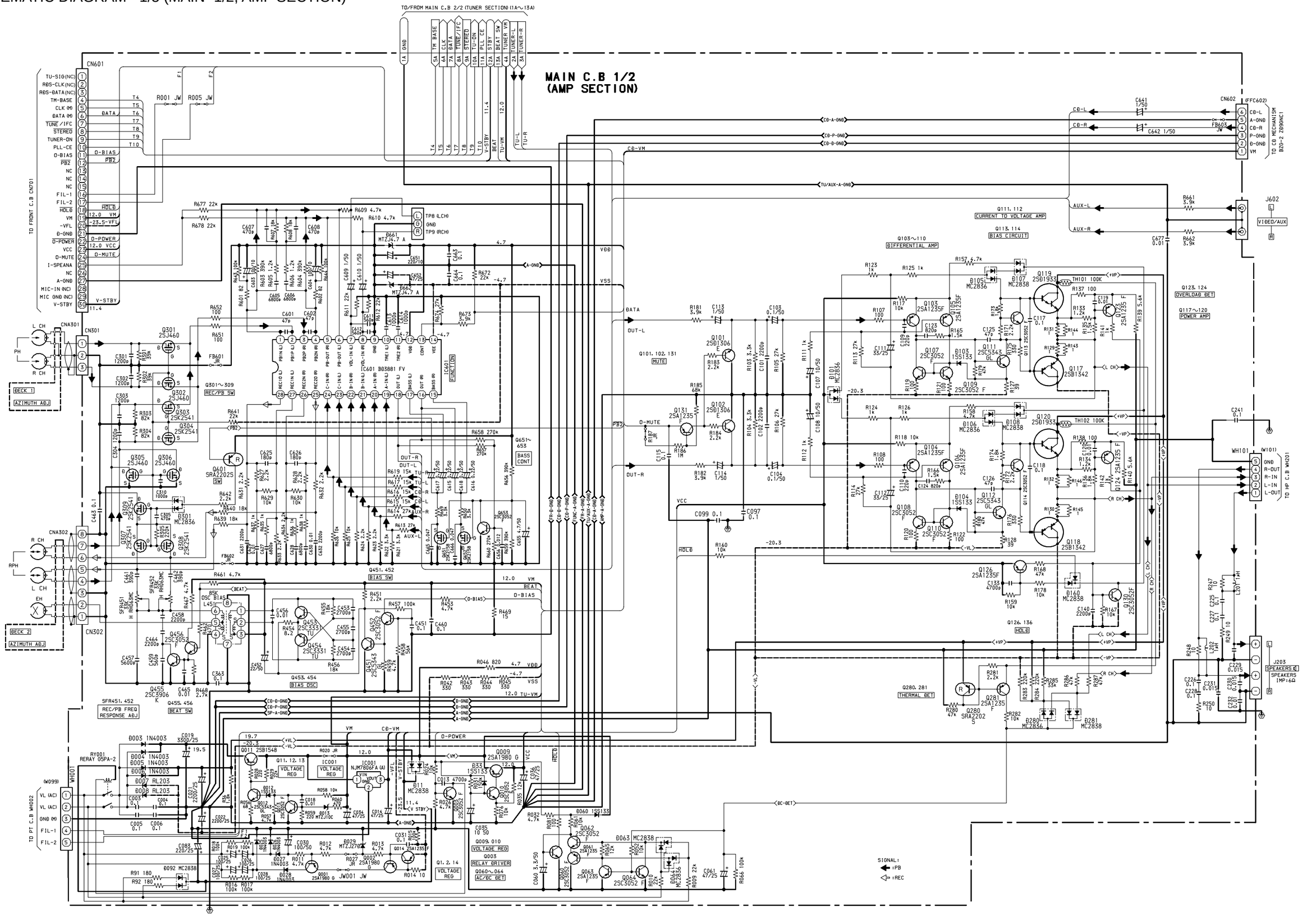

2SK2158



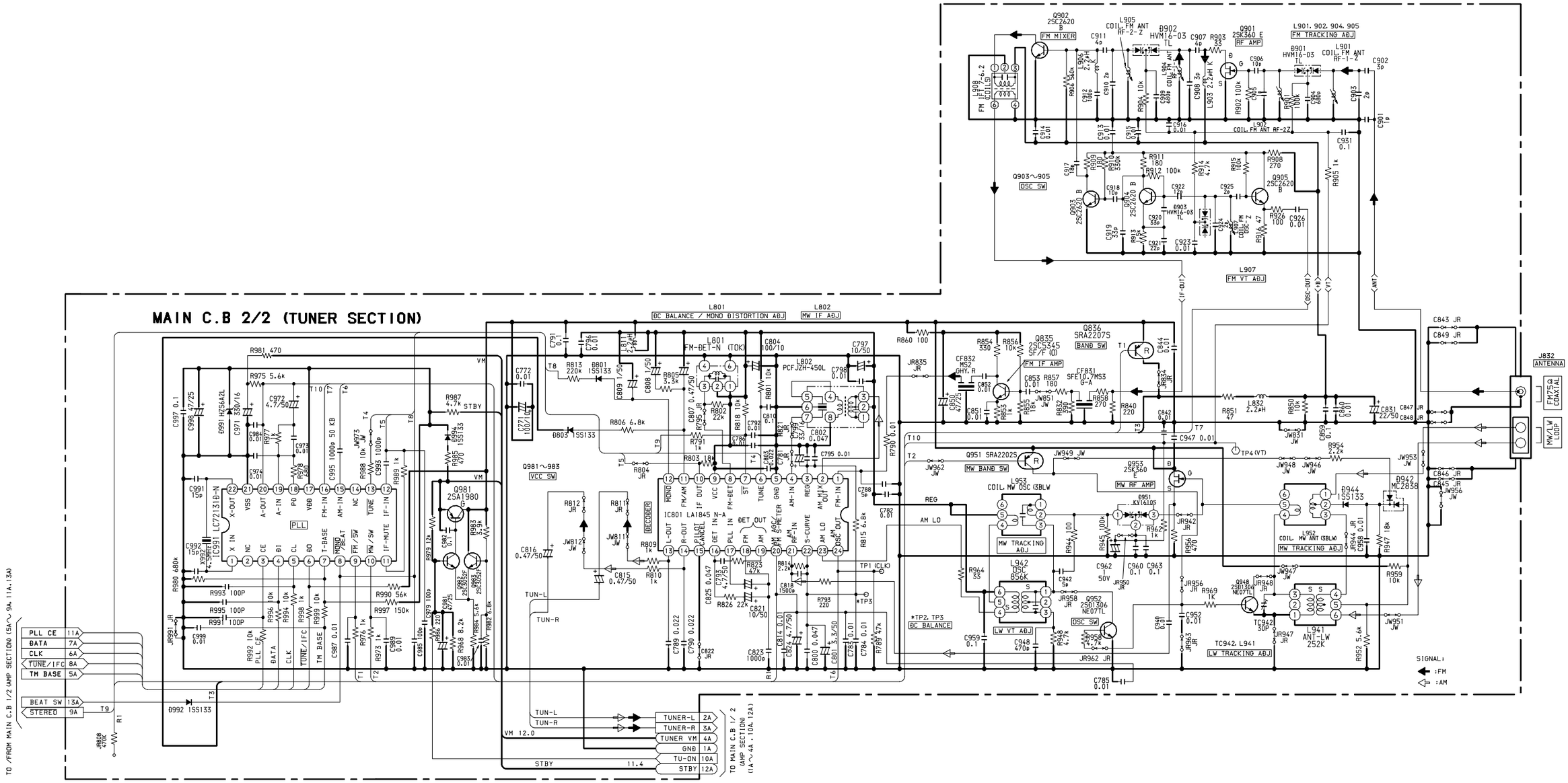

2SA1235F
2SC2620B
2SC3052F
2SC3906K R
2SC5345SF/S(O)

2SD1306E
2SD1306NE07TL
SRA2202S
SRA2207S

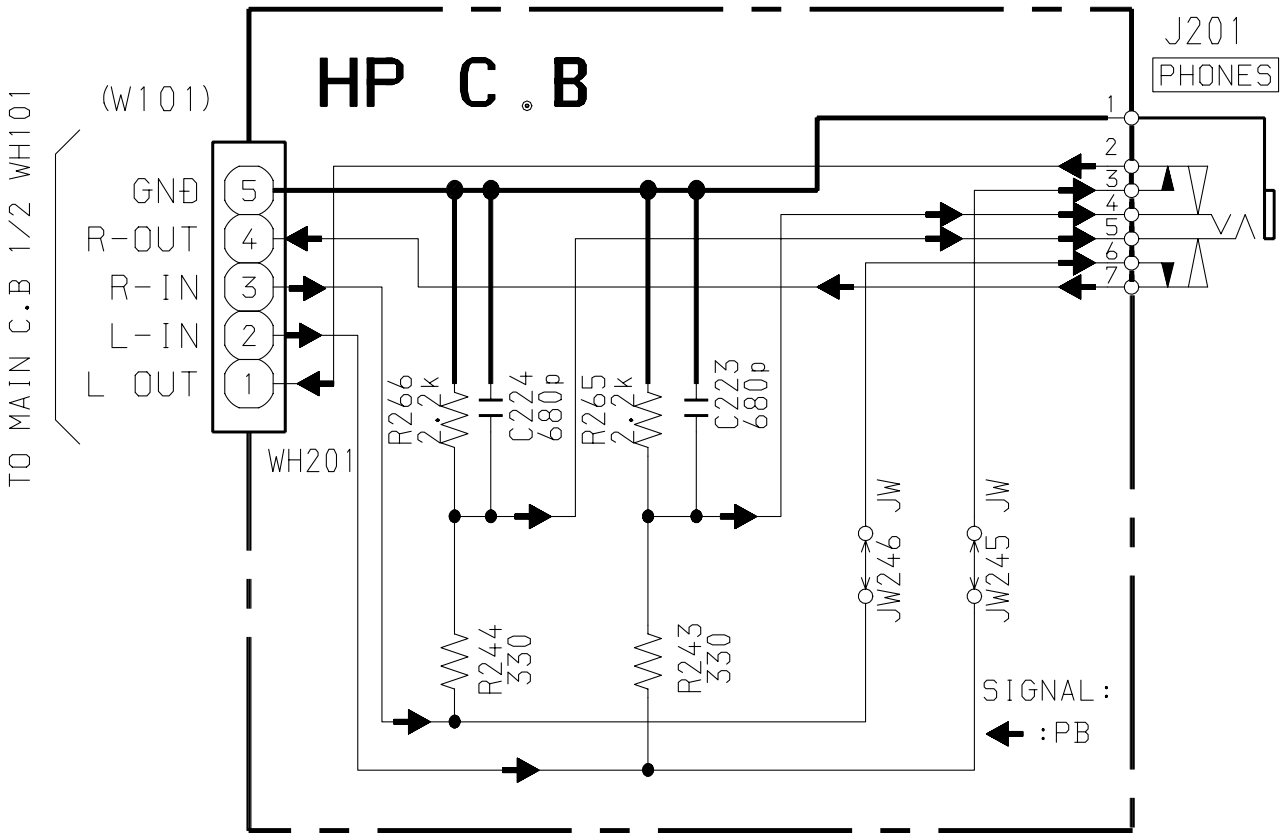
SCHEMATIC DIAGRAM - 1/5 (MAIN -1/2, AMP SECTION)



SCHEMATIC DIAGRAM - 2/5 (MAIN -2/2, TUNER SECTION)



SCHEMATIC DIAGRAM -3/5 (HP SECTION)



# MAIN C.B

TO DECK 2 CNA302

TO DECK 1 CNA301

TO FRONT C.B CN701

J832 ANTENNA

MW/LW LOOP

FM 75Ω COAXIAL

TO CD MECHANISM BZG-2 Z99GNC1 ( FC602)

J602 VIDEO/AUX

TO PT C.B WH002 (W099)

J203 SPEAKERS

SPEAKERS IMP:6Ω

WH101

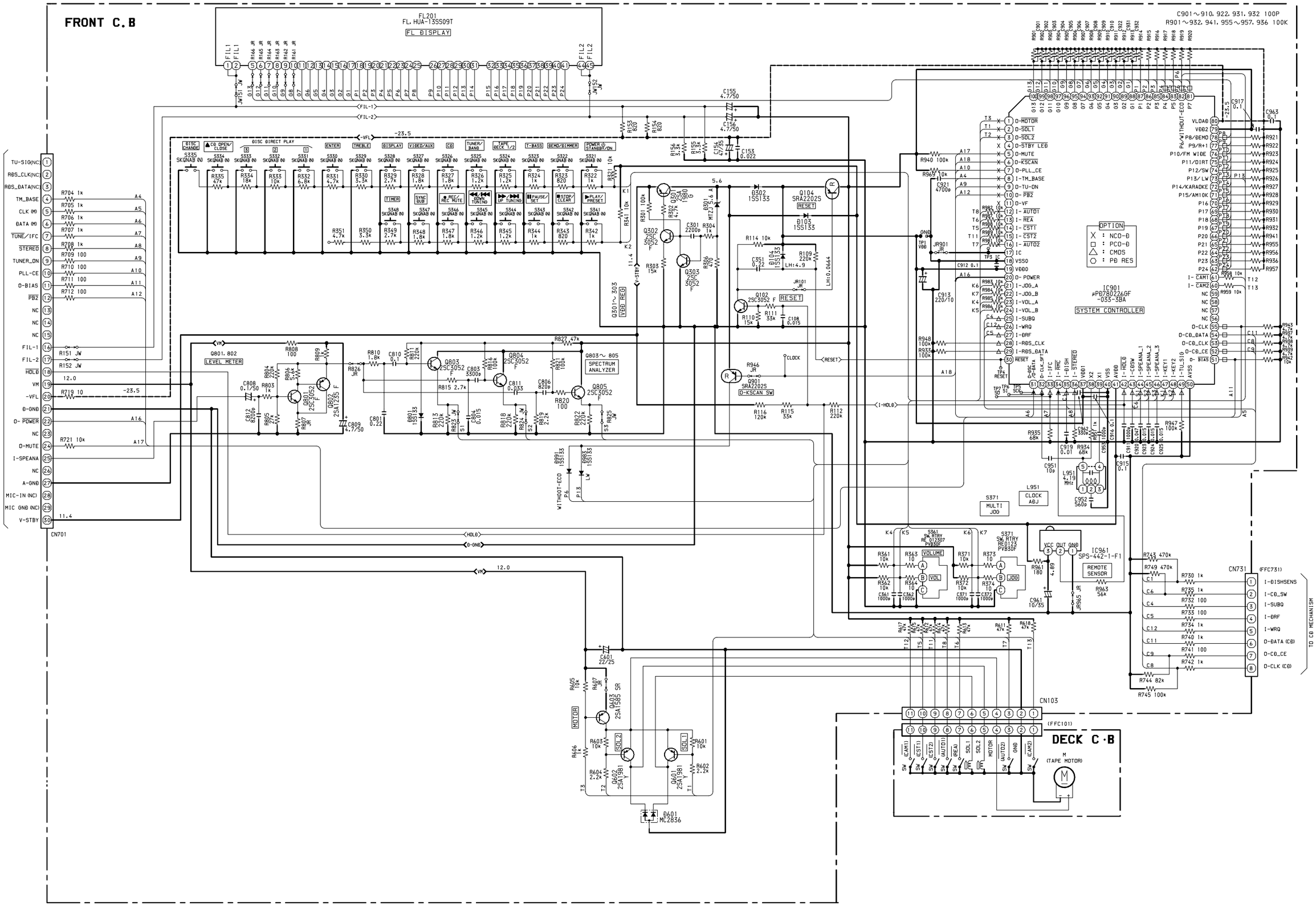
(W101)

## HP C.B

WH201

J201 PHONES

SCHEMATIC DIAGRAM - 4/5 (FRONT/DECK SECTION)



# FRONT C.B

IC961
REMOTE SENSOR

FL201
FL DISPLAY

ĐISC ĐIRECT PLAY
S333 [3] S332 [2] S331 [1]

S334
▲CĐ OPEN/CLOSE

S335
ĐISC CHANGE

TO CĐ MECHANISM (FFC731)

CN731

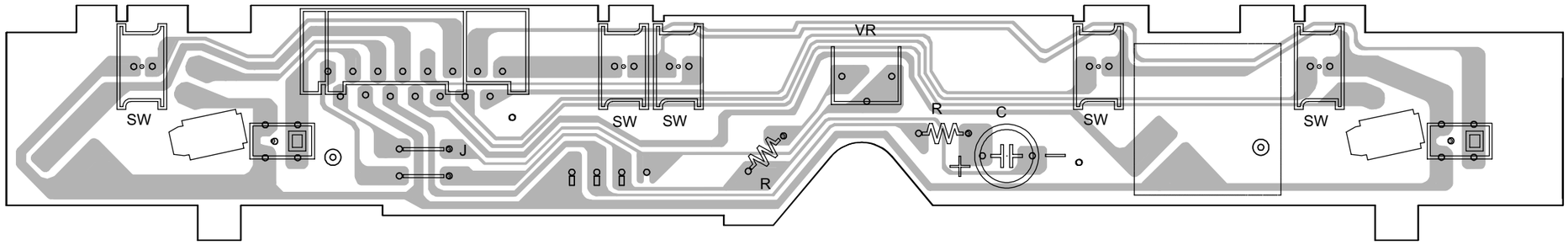
S361
VOLUME

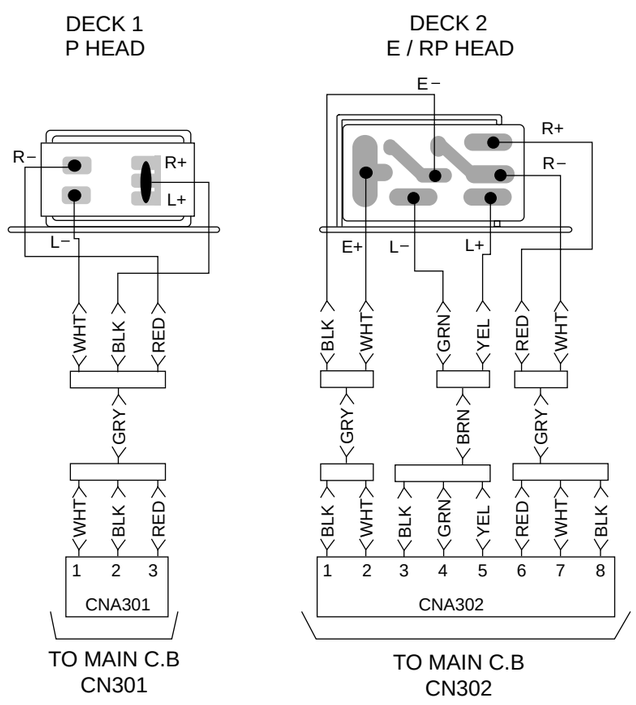
TO MAIN C.B CN601

TO ĐECK C.B (FFC101)

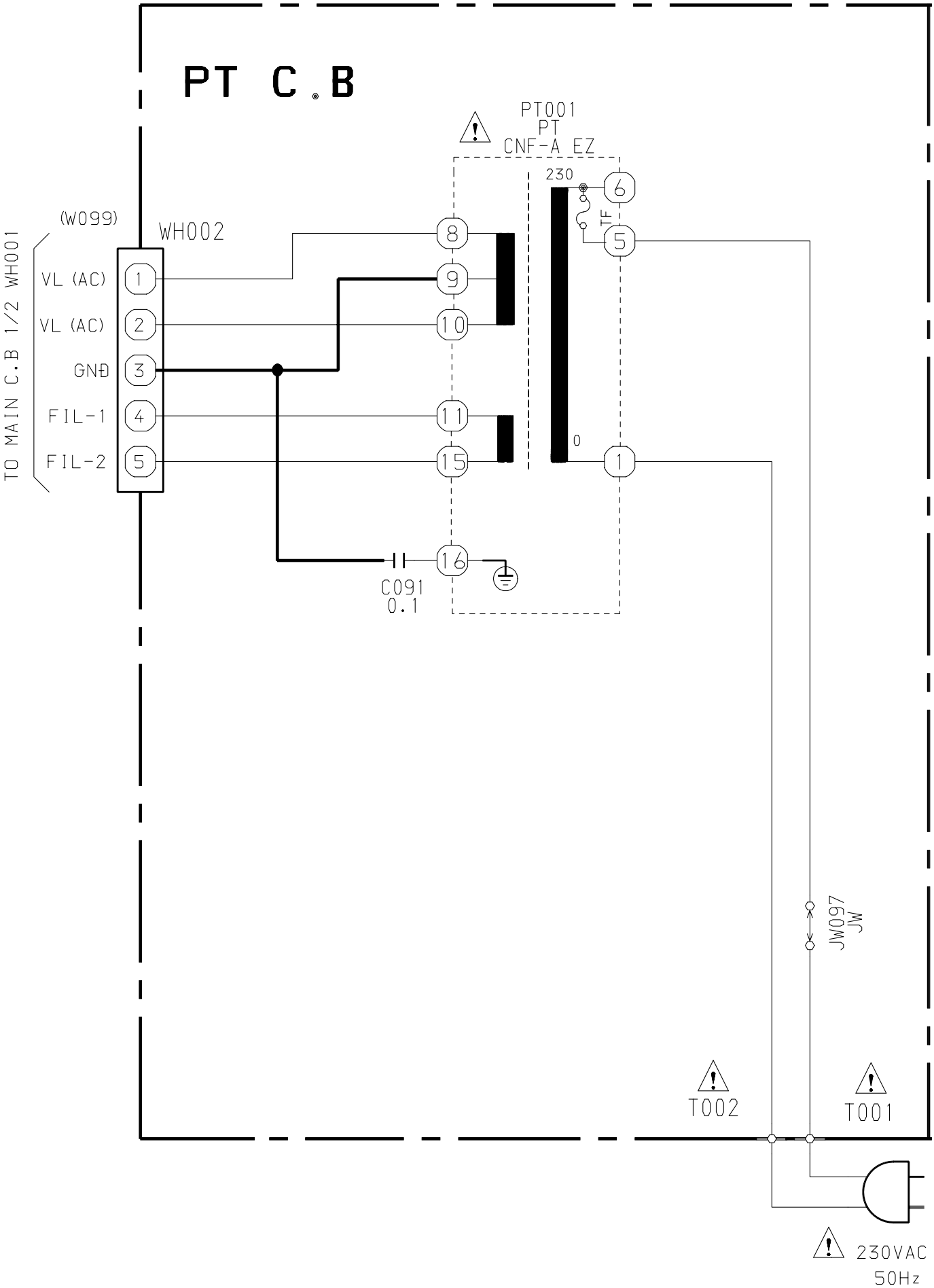
S371 MULTI JOG
S328 ĐISPLAY
S348 TIMER
S322 ĐEMO/ĐIMMER
S321 POWER ⏻ STANĐBY/ON
S329 TREBLE
S330 ENTER
S345 ◀◀/|◀◀ ĐOWN TUNING
S323 T-BASS
S326 CĐ
S327 VIĐEO/AUX
S325 TUNER/BANĐ
S324 TAPE/ĐECK 1/2
S344 ▶▶/▶▶| UP TUNING
S341 ▶ PLAY/PRESET
S342 ■ STOP/CLEAR
S343 ❚❚ PAUSE/SET
S346 ● REC/REC MUTE
S347 SYNC ĐUB

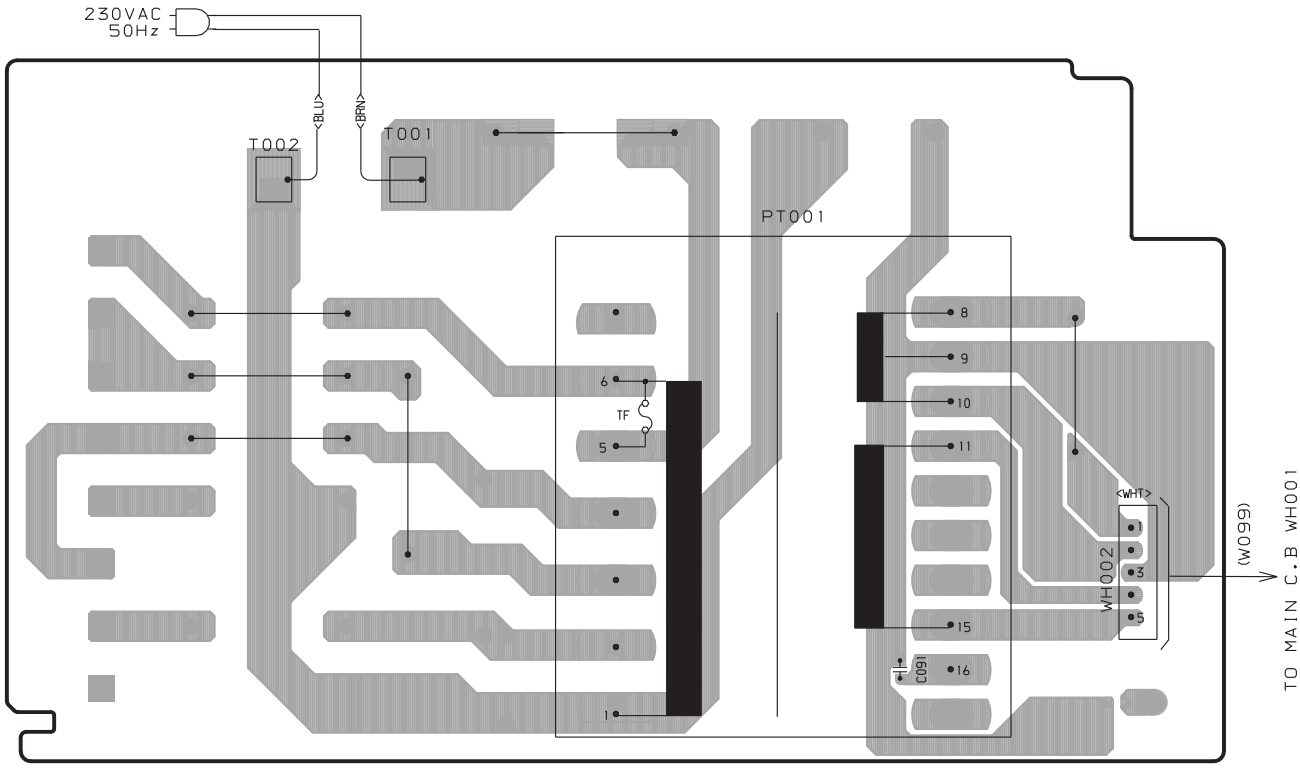
# DECK C.B


SW
J
SW
SW
VR
R
R
C
SW
SW


DECK 1
P HEAD
R−
R+
L+
L−
WHT
BLK
RED
GRY
WHT
BLK
RED
1 2 3
CNA301
TO MAIN C.B
CN301
DECK 2
E / RP HEAD
E−
R+
R−
E+
L−
L+
BLK
WHT
GRN
YEL
RED
WHT
GRY
BRN
GRY
BLK
WHT
BLK
GRN
YEL
RED
WHT
BLK
1 2 3 4 5 6 7 8
CNA302
TO MAIN C.B
CN302

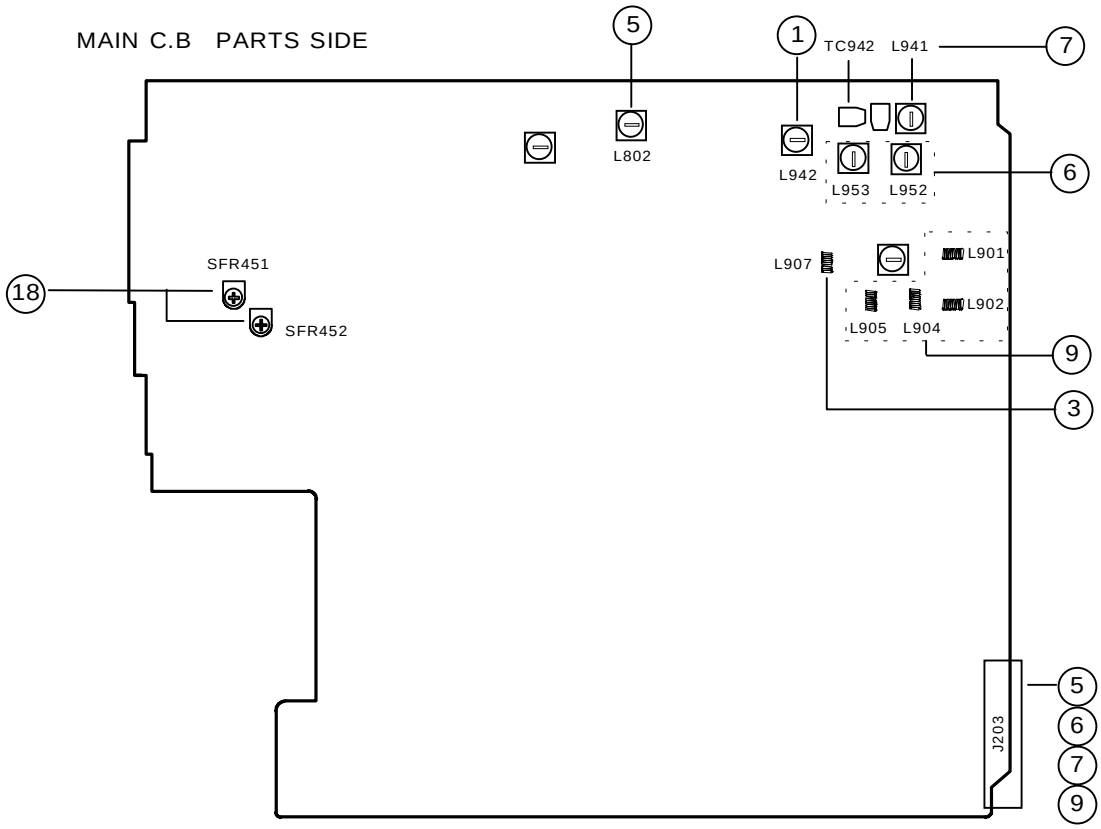
SCHEMATIC DIAGRAM -5/5 (POWER SECTION)



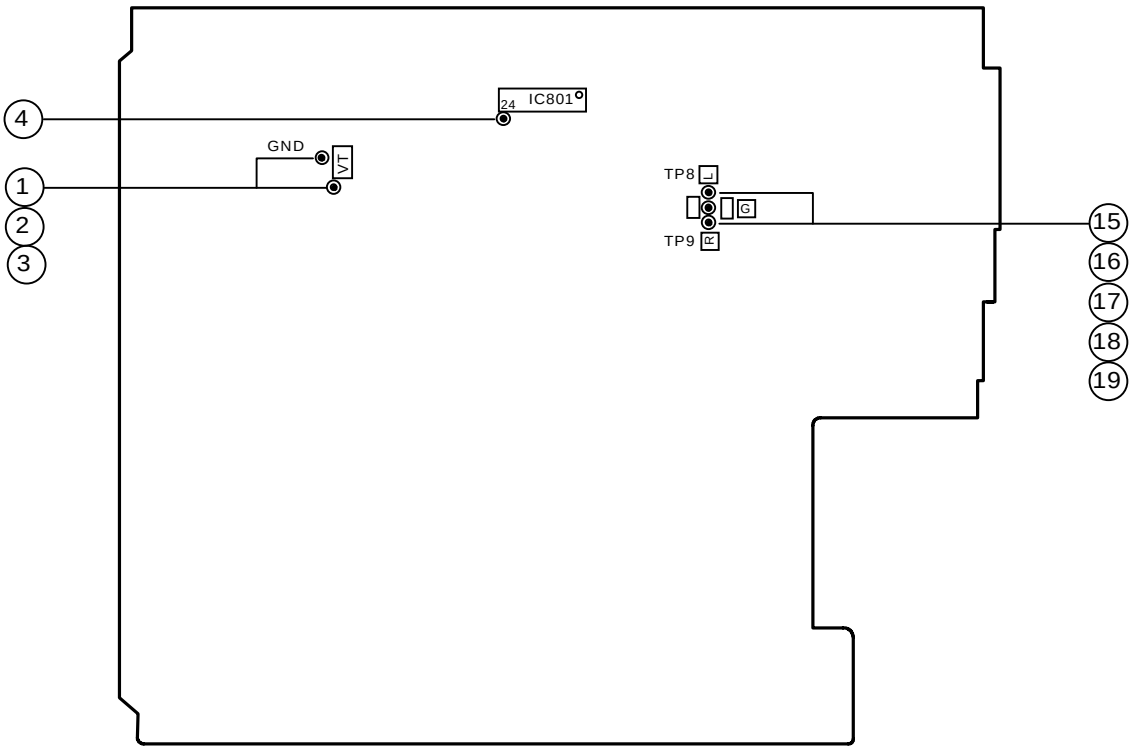

PT C.B
230VAC
50Hz
BLU
BRN
T002
T001
PT001
TF
6
5
1
8
9
10
11
15
16
C091
WHT
WH002
1
3
5
(W099)
TO MAIN C.B WH001

ELECTRICAL ADJUSTMENT -1/7

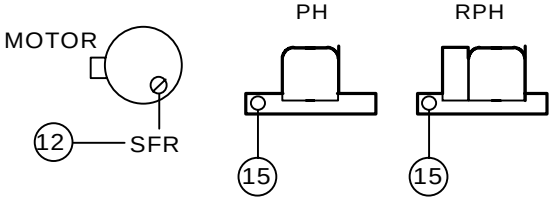
MAIN C.B PARTS SIDE




MAIN C.B PATTERN SIDE




DECK C.B



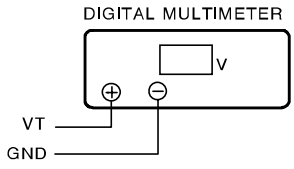
<TUNER Adjustment>

1. VT Adjustment and Check (LW)

   Requirements

   * Measuring instrument: Digital multimeter
     Test point: VT, GND
     Adjustment point: L942

   (1) Connect a digital multimeter to VT and GND.
   (2) Set the unit function to LW, and adjust the receiving frequency at 144 kHz.
   (3) Adjust L942 so that the digital multimeter indicates 1.3 ± 0.05 V.




2. VT Check (MW)

   Requirements: Same as Item 1

   (1) Connect the digital multimeter to VT and GND.
   (2) Set the unit function to MW, and adjust the receiving frequency to 1,602 kHz.
   (3) Check that the digital multimeter indicates 8.0 V or below.
   (4) Adjust the receiving frequency of the unit to 531 kHz.
   (5) Check that the digital multimeter indicates 0.5 V or above.

3. VT Adjustment and Check (FM)

   Requirements: Same as Item 1.

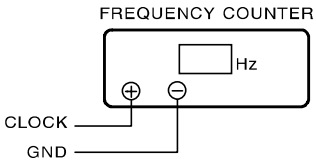
   (1) Connect the digital multimeter to VT and GND.
   (2) Set the unit function to FM, and adjust the receiving frequency at 108.0 MHz.
   (3) Adjust L907 so that the digital multimeter indicates 7.0 ± 0.1 V.
   (4) Adjust the receiving frequency of the unit to 87.5 MHz.
   (5) Check that the digital multimeter indicates 0.5 V or above.

4. Clock Check

   Requirements

   * Measuring instrument: Frequency counter
     Test point: CLOCK, GND

   (1) Connect the frequency counter to CLOCK and GND.
   (2) Set the unit function to MW, and adjust the receiving frequency to 1,602 kHz.
   (3) Check that the frequency counter indicates 2,052 kHz ± 45 Hz.



<MW/LW Adjustment>

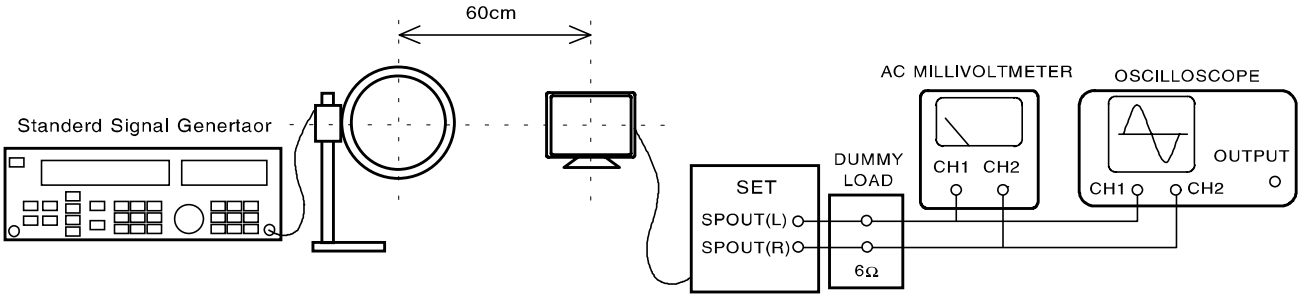
Make sure that the following settings are done before adjustment.

Preparation

* Measuring instruments:
  Standard Signal Generator (S.S.G.) / Loop antenna / Oscilloscope / Millivoltmeter / Dummy resistor (6Ω)

(1) Connect the measuring instruments as shown in the diagram below.

(2) Keep a distance of 60cm between the loop antenna of signal generator and the one connected to the unit.




5. IF Adjustment (MW)

Requirements

* Test point: SP OUT (Lch, Rch)

Adjustment point: L802

(1) Adjust the S.S.G. setting to MW; carrier at 999 kHz with 30% modulation, and source at 1 kHz, position output at maximum.

(2) Adjust the unit to MW 999 kHz.

(3) While monitoring the 1 kHz waveform through oscilloscope, decrease the S.S.G. output level (till slight noises appear in the waveform).

(4) Adjust L802 so that the millivoltmeter indicates maximum.

6. Tracking Adjustment (MW)

Requirements: Same as Item 5.

* Adjustment point: L952 / L953

(1) Adjust the S.S.G. setting to AM; carrier at 999 kHz with 30% modulation, and source at 1 kHz, position output at maximum.

(2) Adjust the unit to MW 999 kHz.

(3) While monitoring the 1 kHz waveform through oscilloscope, decrease the S.S.G. output level (till slight noises appear in the waveform.)

(4) Adjust L952 so that the millivoltmeter indicates maximum.

(5) Adjust the S.S.G setting to AM; carrier at 603 kHz; distortion rate at 30 %, and source at 1 kHz.

(6) Adjust the unit to MW 603 kHz.

(7) Adjust L953 so that the millivoltmeter indicates maximum.

(8) Repeat above steps (1) to (7) two to three times.

7. Tracking Adjustment (LW)

Requirements: Same as Item 5.

* Adjustment point: TC942 / L941

(1) Adjust TC942 to the mechanical center.

(2) Adjust the S.S.G. setting to AM; carrier at 144 kHz with 30% modulation, and source at 1 kHz, position output at maximum.

(3) Adjust the unit to LW 144 kHz.

(4) While monitoring 1 kHz waveform through oscilloscope, decrease the S.S.G. output level (till slight noises appear in the waveform).

(5) Adjust L941 so that the millivoltmeter indicates the maximum level.

(6) Adjust the S.S.G setting to AM; carrier at 290 kHz; distortion rate at 30 %, and source at 1 kHz.

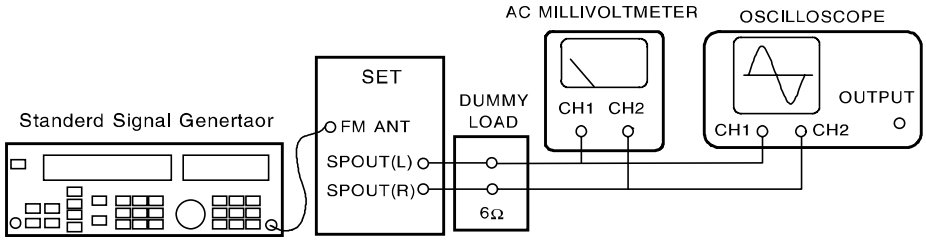
(7) Adjust the unit to LW 290 kHz.

(8) Adjust TC942 so that the millivoltmeter indicates the maximum level.

(9) Repeat the above steps (2) to (8) two to three times.

8. Auto-Stop Function Check (MW)
   Requirements: Same as Item 5.
   (1) Adjust the S.S.G setting to AM; carrier at 999 kHz; distortion rate at 30 %; source at 1 kHz, and output at 40 ~ 65 dBuV.
   (2) Start the tuning search mode, and check that the auto-stop function is applied at MW 999 kHz.

<FM Adjustment>
Make sure that the following settings are done before adjustment.
   Preparation
   * Measuring instruments: Standard Signal Generator (S.S.G.) / Oscilloscope / Millivoltmeter / Dummy resistor (6Ω)
   (1) Connect the measuring instruments as shown in the diagram below.
   (2) Connect the output terminal of signal generator to the antenna input terminal of the unit.




9. Tracking Adjustment
   Requirements
   * Test Point: SP OUT (Lch, Rch)
     Adjustment point: L901, L902, L904, L905
   (1) Adjust the S.S.G. setting to FM; carrier at 108 MHz, distortion at 75 kHz , and source 1 kHz, position output at maximum.
   (2) Adjust the unit to FM 108 MHz.
   (3) While monitoring 1 kHz waveform through oscilloscope, decrease the S.S.G. output level (till slight noises appear in the waveform).
   (4) Adjust L905->L904->L902->L901->L902->L904->L905. Repeat adjustment (L905, L904, L902, L901) two to three time so that the millivoltmeter indicates the maximum level.

10. Separation Check
   Requirements: Same as Item 9.
   (1) Adjust the S.S.G. setting to FM; carrier at 98 MHz; distortion at 67.5 kHz; source at 1 kHz, and output at 60 dBuV.
   (2) Switch the S.S.G. to PILOT ON, and set to PILOT 7.5 kHz.
   (3) Adjust the unit to FM 98 MHz.
   (4) Check that S.S.G outputs only from Lch and that the difference between Lch and Rch at that time is 12 dB or above.
   (5) Check for Rch in the same manner.

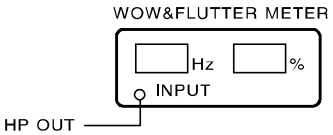
11. Auto-Stop Function Check
   Requirements: Same as Item 5.
   (1) Adjust the S.S.G. setting to FM; carrier at 98 MHz or 83 MHz; distortion at 75 kHz; source at 1 kHz and output at 10 ~ 35 dBuV.
   (2) Start the tuning search mode, and check that the auto-stop function is applied at FM 98 MHz or 83 MHz.

<Deck Section>

12. Tape Speed Adjustment (DECK 2)

Requirements

* Measuring instruments: Wow-flutter meter (frequency counter)
Test tape: TTA-100 (3 kHz)
Test point: HP OUT
Adjustment point: DECK MOTOR SFR




(1) Connect the HP OUT terminal of the unit to the wow-flutter meter.
(2) Insert the test tape (TTA-100) to DECK 2. Playback the middle part of the tape in the FWD direction, and adjust DECK MOTOR SFR so that the level, 3,000 Hz Å} 45 Hz can be obtained.

13. Tape Speed Check (DECK 1)

Requirements: Same as Item 12

(1) Insert the test tape (TTA-100) to DECK 1. Playback the middle part of the tape, and check that the range within Å} 55 Hz is obtained against the speed of DECK 2.

14. Wow-Flutter Check (DECK 1, DECK 2)

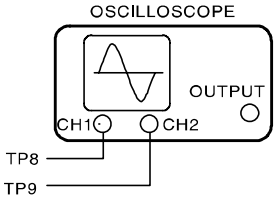
Requirements: Same as Item 12.

(1) Connect the HP OUT terminal of the unit to the wow-flutter meter.
(2) Switch the wow-flutter setting from INDICATOR to JIS, and from a mode to W RMS (WTD).
(3) Playback the middle part of the test tape (TTA-100), and check that the level is 0.25 % or below.

15. Head Azimuth Adjustment (DECK 1, DECK 2)

Requirements

* Measuring instrument: Oscilloscope
Test tape: TTA-300 (10 kHz)
Test point: TP8 (Lch), TP9 (Rch)
Adjustment point: Head azimuth adjustment screw

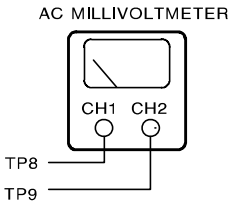



(1) Connect the CH1 of the oscilloscope probe to TP8 (Lch) and the CH2 to TP9 (Rch).
(2) Set the V mode of the oscilloscope to ADD.
(3) Insert the test tape (TTA-300) to DECK 1. Playback the middle part of the tape in the FWD direction, and adjust the head azimuth adjustment screw so that the waveform reaches maximum when 10 kHz is played.
(4) After adjustment, lock the screw by bonding (1600B).
(5) Apply the above steps (3) to (4) to DECK 2.

16. Playback Frequency Check (DECK 1, DECK 2)

Requirements

* Measuring instrument: Millivoltmeter
Test tape: TTA-300 (315 Hz / 10 kHz)
Test point: TP8 (Lch), TP9 (Rch)




(1) Connect the CH1 of millivoltmeter to TP8 (Lch) and the CH2 to TP9 (Rch).
(2) Insert the test tape (TTA-300) to DECK 1, and playback 315 Hz and 10 kHz.
(3) Check that the 10 kHz level is ranged within Å} 3 dB compared to the output reference level of 315 Hz.
(4) Apply the above steps (2) and (3) to DECK 2.

17. Playback Sensitivity Check (DECK 1, DECK 2)

Requirements

* Measuring instrument: Millivoltmeter
  Test tape: TTA-200 (400 Hz)

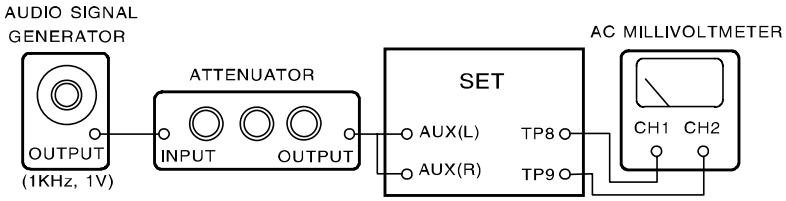
Test point: TP8 (Lch), TP9 (Rch)

(1) Connect the CH1 of millivoltmeter to TP8 (Lch) and the CH2 to TP9 (Rch).
(2) Insert the test tape (TTA-200) to DECK 1 to playback.
(3) Check that the output level is ranged within 110 mV Å} 3 dB.
(4) Apply the above steps (2) and (3) to DECK 2.

18. Playback/Record Frequency Response Adjustment (DECK 2)

Requirements

* Measuring instruments: Millivoltmeter
  Audio signal oscillator (low-frequency oscillator)
  Attenuator
  Test tape: TTA-602 (NORMAL)
  Test point: TP8 (Lch), TP9 (Rch)
  Input point: AUX (1 kHz / 8 kHz)
  Adjustment point: SFR451 (Lch), SFR452 (Rch)




(1) Connect the CH1 of millivoltmeter to TP8 (Lch) and the CH2 to TP9 (Rch).
(2) Connect the output terminal of oscillator to attenuator, and then attenuator to AUX of the unit.
(3) Insert the test tape (TTA-602) to DECK 2, and record the 1 kHz signal from AUX.
(4) Adjust the attenuator so that the output levels of TP8 and TP9 become 10 mV.
(5) Record 1 kHz and 8 kHz alternately.
(6) Adjust SFR451 (Lch) and SFR452 (Rch) so that the playback output level of 8 kHz is ranged within 0 ± 1 dB compared to the playback output reference level of 1 kHz.

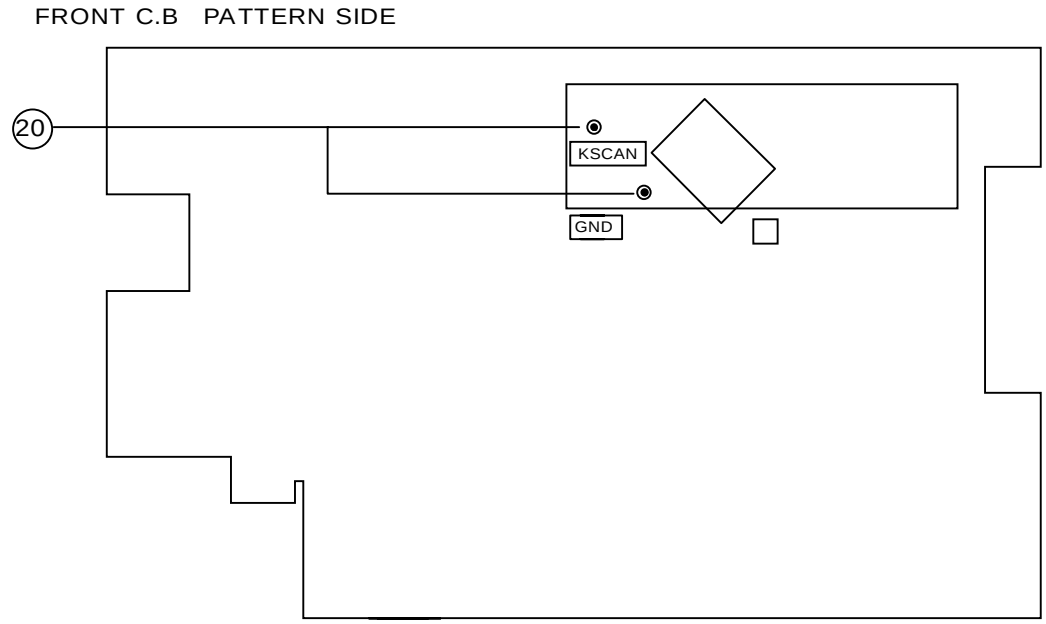
19. Playback/Record Sensitivity Check (DECK 2)

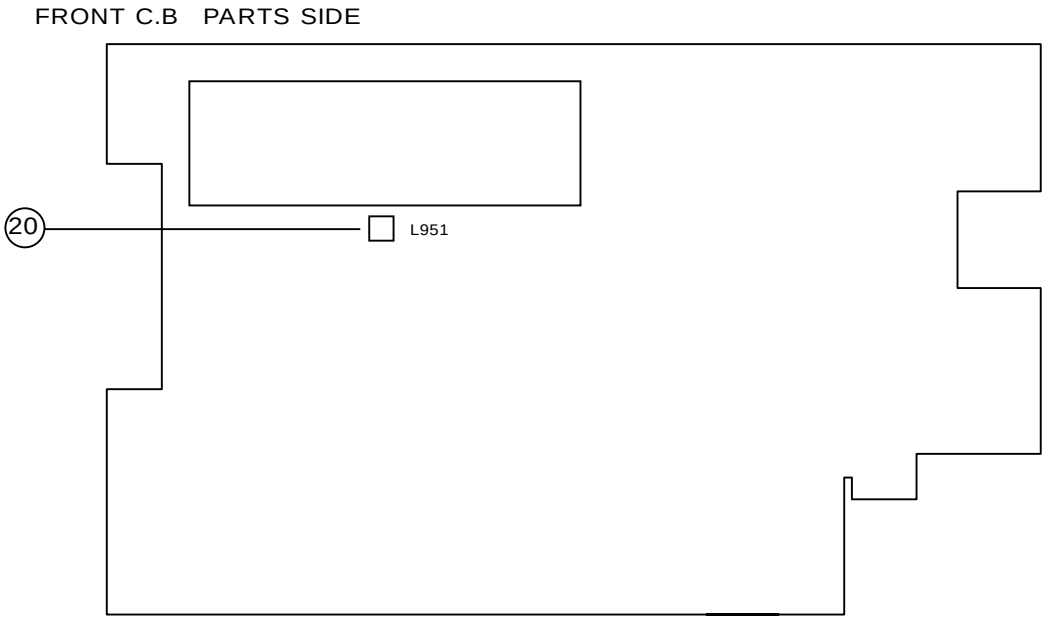
Requirements

* Measuring instrument: Same as Item 18.
  Test tape: TTA-602 (NORMAL)
  Test point: TP8 (Lch), TP9 (Rch)
  Input point: AUX (1 kHz)

(1) Insert the test tape (TTA-602) to DECK 2, and record the 1 kHz signal from AUX.
(2) Adjust the attenuator so that the output levels of TP8 and TP9 become 100 mV.
(3) Playback 1 kHz, and check that the output level is ranged within 0 dB ± 2.5 dB compared to the output level during recording.

<Front Section>



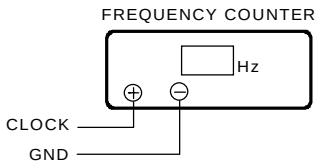

20. Clock Adjustment

Requirement

* Measuring instrument: Frequency counter
Test point: CLOCK, GND
Adjustment point: L951

(1) While pressing and holding down the POWER button and the UP button, insert the AC plug.

(2) Adjust L951 so that the frequency counter indicates 72.743 ± 0.073 Hz.



## CD TEST MODE Ver. 3.0

### 1. Starting CD Test Mode

While pressing and holding down the CD OPEN/CLOSE button, insert the AC plug to outlet.
When test mode starts, the message, TEST appears on the display.

### 2. Exiting CD Test Mode

Press the other function button, POWER button or remove the AC plug from outlet.

### 3. Function of CD Test Mode

| No | Mode | Function Key | Display | Movement | Check |
|---|---|---|---|---|---|
| 1 | Start Mode | | All lit. | FL all lit. | • FL check<br>• Microcomputer check |
| 2 | Search Mode | STOP button | READING | • LD constantly lit.<br>• Focus search continuous movement *1, 2<br>• Spindle motor continuous kick | • APC circuit check<br>• Laser current electricity measurement<br>• Focus search waveform check<br>• Focus error waveform check (DRF is ignored during search mode.) |
| 3 | Play Mode | PLAY button | Normal | • Normal playback<br>• If TOC READ is unavailable, focus search is continued. | • Each servo circuit check<br>• DRF check<br>• RF frequency check (approx. 1.7Vp-p) |
| 4 | Traverse Mode | PAUSE button | Normal | • Tracking servo OFF/ON<br>OFF and ON is repeated by every press of the PAUSE button. | • Tracking balance check |
| 5 | Sled mode | FF button | TEST | • PU moves to the innermost position. *3<br>At the same time, lens is kicked toward inner position. | • Sled circuit check<br>• Tracking circuit check<br>• Mechanism movement check<br>• PU check |
| | | RWD button | TEST | • PU moves to the outermost position. *3<br>At the same time, lens is kicked toward outer position. | |
| 6 | Spindle mode | ● REC/ REC MUTE button | All lit. | • When the button is pressed at the first time, spindle motor rotates forward (at rough speed).<br>At the second press, rotation is reversed.<br>At the third press, rotation stops. | • Spindle circuit check<br>• Spindle motor check |

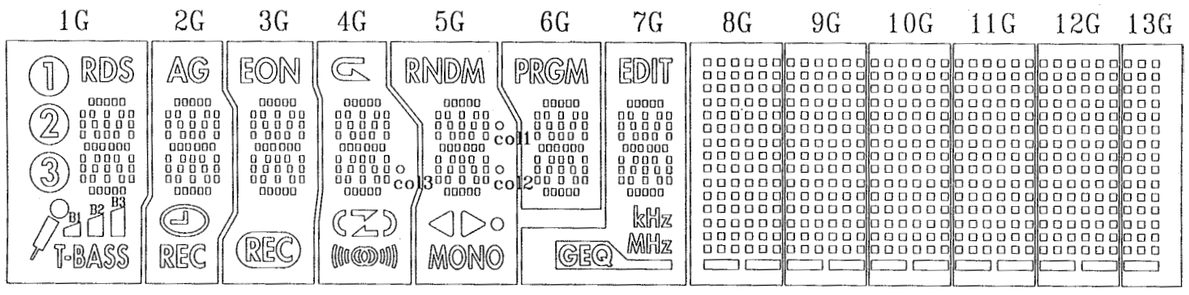
* 1 When Focus Search operates continuously more than 10 minutes, the protection circuit is activated due to heat generation of the driver IC. In this case, turn off the power, wait for approximately 10 minutes so that heat is released, and then restart.

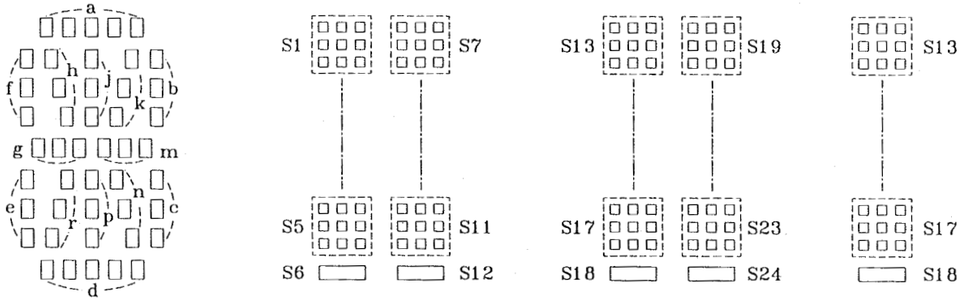
* 2 When Focus Search fails three times, the gain is switched for CD-RW at the fourth time.

* 3 Be careful not to damage the gear because the sled motor rotates while the FF or RWD button is being pressed even if the pickup is located in the innermost track or the outermost track.

# FL DISPLAY - 1/1 (HUA-13SS09T)

GRID ASSIGNMENT




(1G – 7G) (8G,10G,12G) (9G,11G) (13G)

ANODE CONNECTION

| | 1G | 2G | 3G | 4G | 5G | 6G | 7G | 8G | 9G | 10G | 11G | 12G | 13G |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| P1 | RDS | AG | EON | G | RNDM | PRGM | EDIT | S1 | — | S1 | — | S1 | — |
| P2 | a | a | a | a | a | a | a | S7 | — | S7 | — | S7 | — |
| P3 | h | h | h | h | h | h | h | — | S13 | — | S13 | — | S13 |
| P4 | j | j | j | j | j | j | j | — | S19 | — | S19 | — | — |
| P5 | k | k | k | k | k | k | k | S2 | — | S2 | — | S2 | — |
| P6 | b | b | b | b | b | b | b | S8 | — | S8 | — | S8 | — |
| P7 | f | f | f | f | f | f | f | — | S14 | — | S14 | — | S14 |
| P8 | m | m | m | m | m | m | m | — | S20 | — | S20 | — | — |
| P9 | g | g | g | g | g | g | g | S3 | — | S3 | — | S3 | — |
| P10 | c | c | c | c | c | c | c | S9 | — | S9 | — | S9 | — |
| P11 | e | e | e | e | e | e | e | — | S15 | — | S15 | — | S15 |
| P12 | r | r | r | r | r | r | r | — | S21 | — | S21 | — | — |
| P13 | p | p | p | p | p | p | p | S4 | — | S4 | — | S4 | — |
| P14 | n | n | n | n | n | n | n | S10 | — | S10 | — | S10 | — |
| P15 | d | d | d | d | d | d | d | — | S16 | — | S16 | — | S16 |
| P16 | ① | | REC | col3 | col1 | — | kHz | — | S22 | — | S22 | — | — |
| P17 | ② | REC | — | | col2 | — | MHz | S5 | — | S5 | — | S5 | — |
| P18 | ③ | — | — | | ○ | — | GEQ | S11 | — | S11 | — | S11 | — |
| P19 | | — | — | | ▷ | — | — | — | S17 | — | S17 | — | S17 |
| P20 | T-BASS | — | — | | ◁ | — | — | — | S23 | — | S23 | — | — |
| P21 | B1 | — | — | — | MONO | — | — | S6 | — | S6 | — | S6 | — |
| P22 | B2 | — | — | — | — | — | — | S12 | — | S12 | — | S12 | — |
| P23 | B3 | — | — | — | — | — | — | — | S18 | — | S18 | — | S18 |
| P24 | — | — | — | — | — | — | — | — | S24 | — | S24 | — | — |

PIN CONNECTION

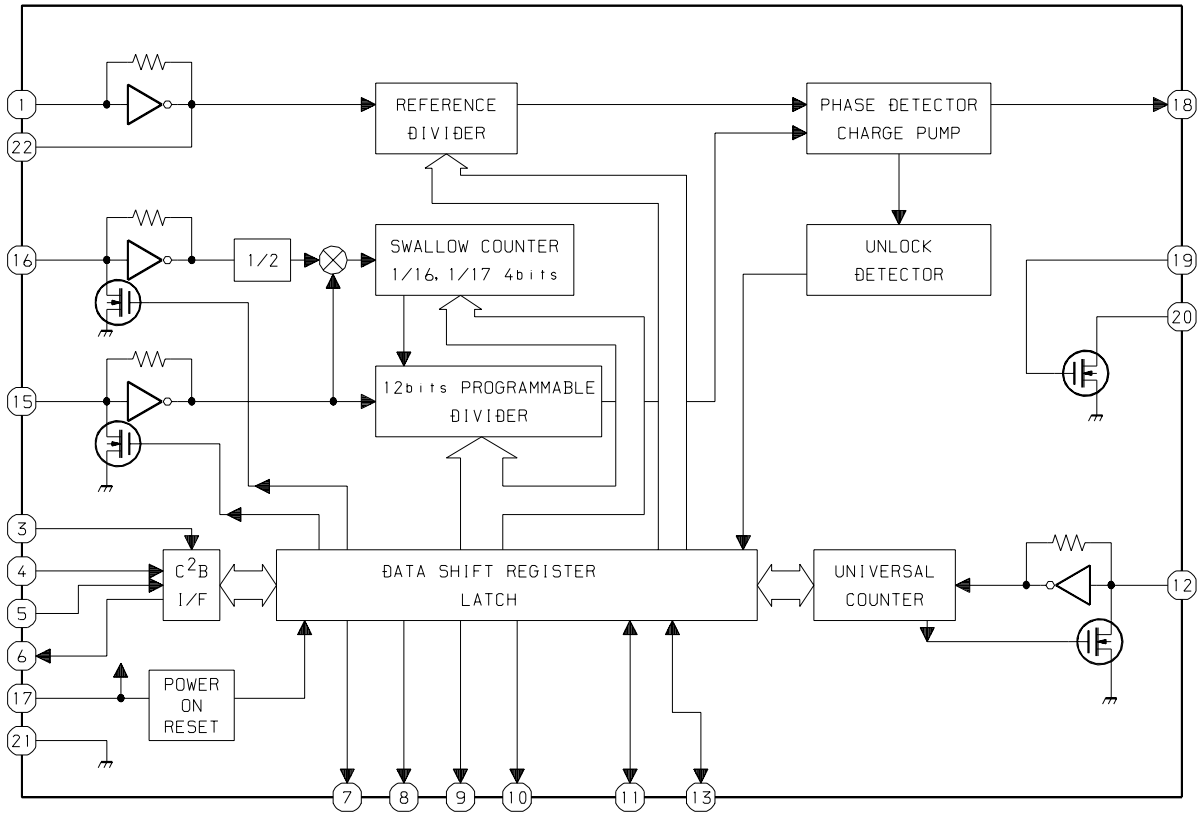
| PIN NO. | 45 | 44 | 43 | 42 | 41 | 40 | 39 | 38 | 37 | 36 | 35 | 34 | 33 | 32 | 31 | 30 | 29 | 28 | 27 | 26 | 25 | 24 | 23 | 22 | 21 | 20 | 19 | 18 | 17 | 16 | 15 | 14 | 13 | 12 | 11 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| CONNECTION | F2 | F2 | NP | NP | P24 | P23 | P22 | P21 | P20 | P19 | P18 | P17 | P16 | P15 | P14 | P13 | P12 | P11 | P10 | P9 | P8 | P7 | P6 | P5 | P4 | P3 | P2 | P1 | 1G | 2G | 3G | 4G | 5G | 6G | 7G |

| 10 | 9 | 8 | 7 | 6 | 5 | 4 | 3 | 2 | 1 |
|---|---|---|---|---|---|---|---|---|---|
| 8G | 9G | 10G | 11G | 12G | 13G | NP | NP | F1 | F1 |

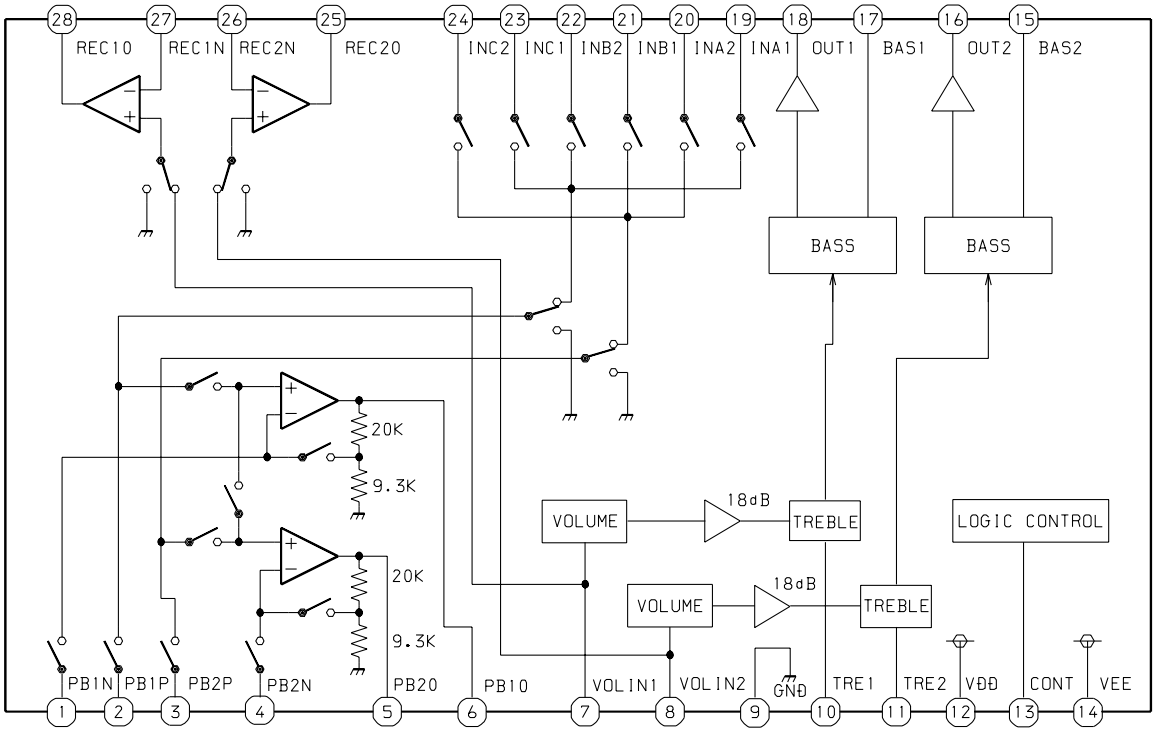
Notes
1) F1,F2 : Filament pin
2) nG : Grid pin
3) Pn : Anode pin
4) NP : No pin

# IC BLOCK DIAGRAM -1/2

IC, LC72131D-N

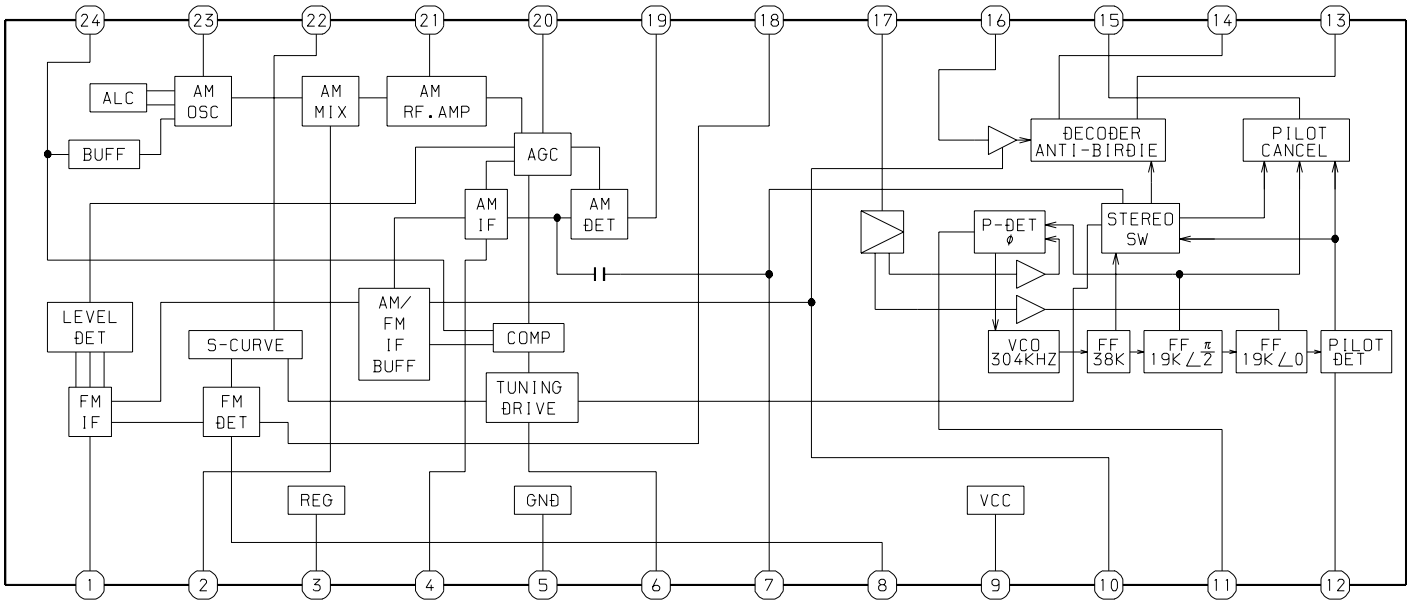



C, BD3881FV



# IC BLOCK DIAGRAM -2/2

IC, LA1845N-A



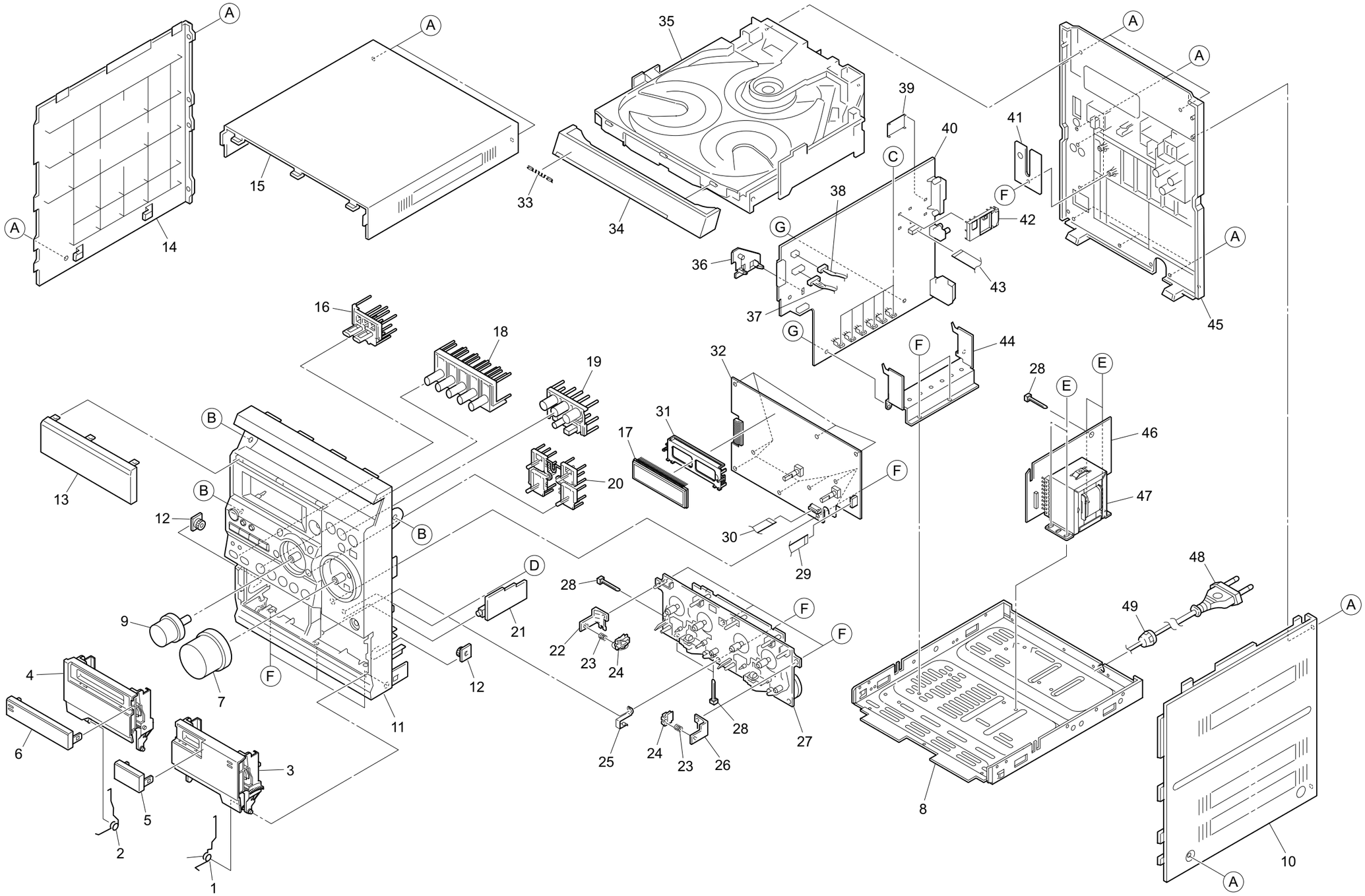
## IC DESCRIPTION -1/1 (µPD780226GF-033-3BA) -1/2

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 1 | O-$\overline{\text{MOTOR}}$ | O | DECK motor output. |
| 2 | O-$\overline{\text{SOL1}}$ | O | DECK1 solenoid output. |
| 3 | O-$\overline{\text{SOL2}}$ | O | DECK2 solenoid output. |
| 4 | O-$\overline{\text{STBY LED}}$ | O | Standby LED output. (Not used) |
| 5 | O-MUTE | O | System mute ON/$\overline{\text{OFF}}$ output. |
| 6 | O-$\overline{\text{KSCAN}}$ | O | Key scan timing output. |
| 7 | O-PLL_CE | O | PLL chip enable output for LC72131D-N. |
| 8 | I-TM_BASE | I | Time-base signal input. |
| 9 | O-TU-ON | O | Tuner ON/$\overline{\text{OFF}}$ output. |
| 10 | O-$\overline{\text{PB2}}$ | O | DECK2 play back $\overline{\text{ON}}$/OFF output. |
| 11 | O-VF | ñ | Not used. |
| 12 | I-$\overline{\text{AUTO1}}$ | I | DECK1 detecting reel rotation switch input. |
| 13 | I-$\overline{\text{REA}}$ | I | DECK2 prevention for mistaken recording switch input. |
| 14 | I-$\overline{\text{CST1}}$ | I | DECK1 cassette detect switch input. |
| 15 | I-$\overline{\text{CST2}}$ | I | DECK2 cassette detect switch input. |
| 16 | I-$\overline{\text{AUTO2}}$ | I | DECK2 detecting reel rotation switch input. |
| 17 | IC | ñ | GND. |
| 18 | VSS0 | ñ | GND. |
| 19 | VDD0 | ñ | Power supply input. |
| 20 | O-POWER | O | System power supply ON/$\overline{\text{OFF}}$ output. |
| 21 | I-JOG_A | I | JOG rotary encoder signal input (A/D). |
| 22 | I-JOG_B | I | JOG rotary encoder signal input (A/D). |
| 23 | I-VOL_A | I | VOL rotary encoder signal input (A/D). |
| 24 | I-VOL_B | I | VOL rotary encoder signal input (A/D). |
| 25 | I-SUBQ | I | CD SUBQ serial input. |
| 26 | I-WRQ | I | CD IC control input. |
| 27 | I-DRF | I | CD IC control input. |
| 28 | I-RDS_CLK | I | Tuner RDS clock output for BU1920FS. |
| 29 | I-RDS_DATA | I | Tuner RDS data output for BU1920FS. |
| 30 | $\overline{\text{RESET}}$ | I | Reset input. |
| 31 | O-DSC/O-DATA | O | Serial data latch output for BD3881FV / PLL data output for LC72131D-N. |
| 32 | O-CLK_SFT | O | MICON clock shift output. |
| 33 | I-IFC | I | Tune IF count serial data input. |
| 34 | I-$\overline{\text{RMC}}$ | I | System remote control signal input. |
| 35 | I-DISH | I | CD turntable photo sensor signal input. |
| 36 | I-$\overline{\text{STEREO}}$ | I | Tuner stereo detected input. |
| 37 | VDD1 | ñ | Power supply input. |
| 38 | X2 | ñ | 4.19MHz oscillator circuit. |
| 39 | X1 | ñ | 4.19MHz oscillator circuit. |
| 40 | VSS | ñ | GND. |
| 41 | AVDD | ñ | GND. |
| 42 | I-$\overline{\text{HOLD}}$ | I | Power failure detected input "L" to stop clock and hold memory. |
| 43 | I-CDSW | I | CD mechanical switch A/D converter input. |

# IC DESCRIPTION -1/1 (µPD780226GF-033-3BA) -2/2

| Pin No. | Pin Name | I/O | Description |
|---|---|---|---|
| 44 | I-SPEANA_1 | I | A/D input for spectrum analyser level display. |
| 45 | I-SPEANA_2 | I | A/D input for spectrum analyser level display. |
| 46 | I-SPEANA_3 | I | A/D input for spectrum analyser level display. |
| 47 | I-KEY 1 | I | Key A/D input 1. |
| 48 | I-KEY 2 | I | Key A/D input 2. |
| 49 | I-TU_SIG | I | Tuner RDS signal input. (Connected to GND through a resistor) |
| 50 | AVSS | ñ | GND. |
| 51 | O-$\overline{\text{BIAS}}$ | O | Bias output. |
| 52 | O-CD_CE | O | CD chip enable output. |
| 53 | O-CD_CLK | O | CD serial clock output. |
| 54 | O-CD_DATA | O | CD serial data output. |
| 55 | O-CLK | O | PLL clock output for LC72131D-N. |
| 56 ~ 59 | NC | ñ | Not connected. |
| 60 | I-$\overline{\text{CAM2}}$ | I | DECK2 cam switch input. |
| 61 | I-$\overline{\text{CAM1}}$ | I | DECK1 cam switch input. |
| 62 ~ 70 | P24 ~ P16 | O | FL segment P24 ~ P16 output. |
| 71 | P15/AM 10K | O/I | FL segment P15 output / AM 10K data input to diode (not used). |
| 72 | P14/KARAOKE | O/I | FL segment P14 output / KARAOKE data input to diode (not used). |
| 73 | P13/LW | O/I | FL segment P13 output / LW data input to diode. |
| 74 | P12/SW | O/I | FL segment P12 output / SW data input to diode (not used). |
| 75 | P11/OIRT | O/I | FL segment P11 output / OIRT data input to diode (not used). |
| 76 | P10/FM WIDE | O/I | FL segment P10 output / FM WIDE data input to diode (not used). |
| 77 | P9/R+1 | O/I | FL segment P9 output / R+1 data input to diode (not used). |
| 78 | P8/DEMO | O/I | FL segment P8 output / DEMO data input to diode (not used). |
| 79 | VDD2 | ñ | Power supply input. |
| 80 | VLOAD | _ | Power supply for FL display. |
| 81 | P7 | O | FL segment P7 output. |
| 82 | P6/WITHOUT-ECO | O/I | FL segment P6 output / WITHOUT-ECO data input to diode . |
| 83 ~ 87 | P5 ~ P1 | O | FL segment P5 ~ P1 output. |
| 88 ~ 100 | G1 ~ G13 | O | FL grid G1 ~ G13 output. |

MECHANICAL EXPLODED VIEW -1/1



# MECHANICAL, MECHANISM PARTS LIST -1/1

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
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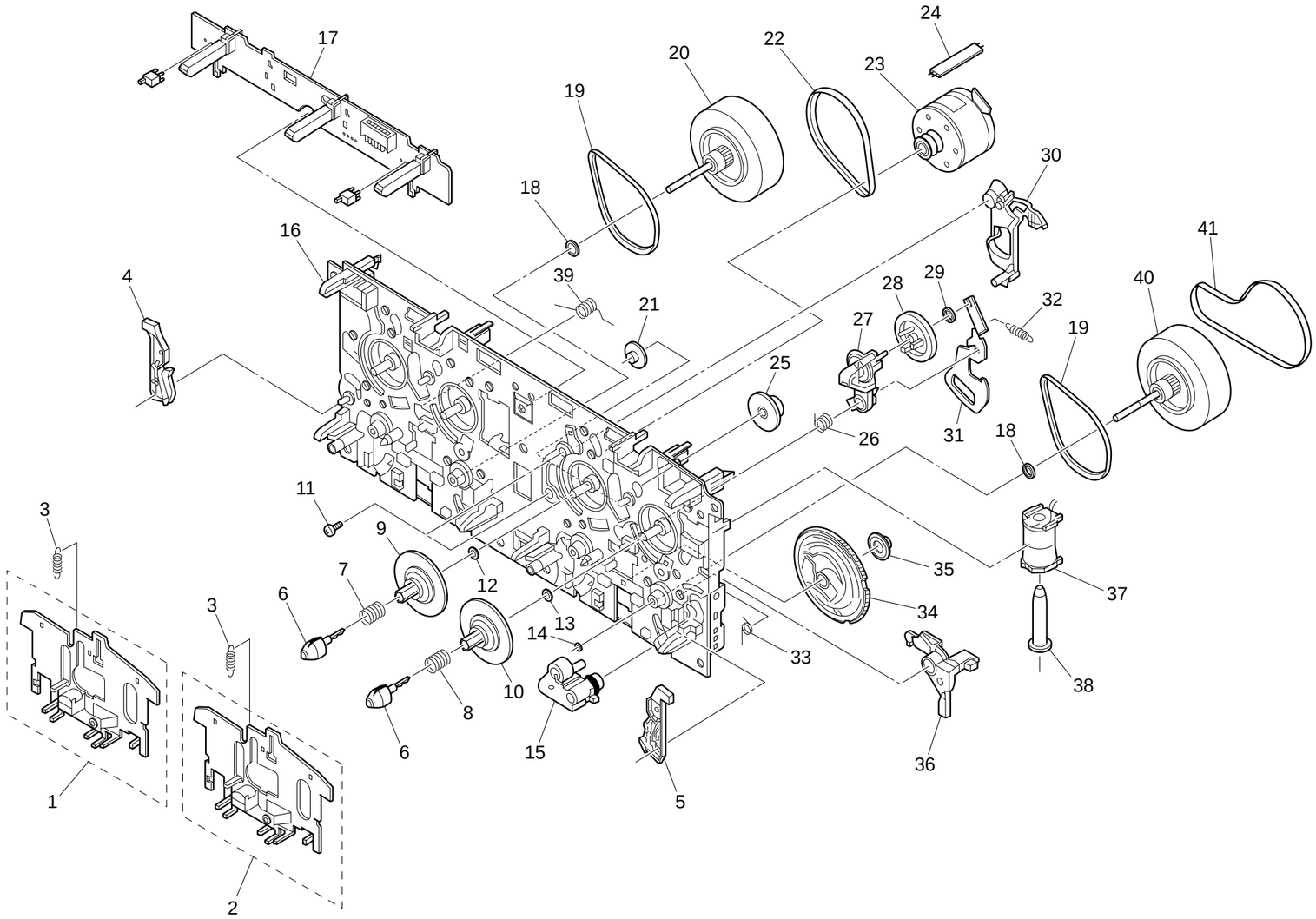
| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL | |
|---|---|---|---|---|---|---|---|
| | | | | | | CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
| | | O | MC1001 | 8A-NF8-282-010 | SPR-T,EJECT 2 | a | b |
| | | O | MC1002 | 8A-NF8-281-010 | SPR-T,EJECT 1 | a | b |
| | | O | MC1003 | 8C-NFA-006-010 | BOX,CASS 2 | a | b |
| | | O | MC1004 | 8C-NFA-005-010 | BOX,CASS 1 | a | b |
| | | O | MC1005 | 8C-NF8-006-010 | WINDOW,CASS 2 | a | b |
| | | O | MC1006 | 8C-NF8-005-010 | WINDOW,CASS 1 | a | b |
| | | X | MC1007 | 8C-NF9-001-010 | KNOB,RTRY VOL | a | b |
| | | X | MC1008 | 8C-NF8-235-010 | CHAS,MAIN CC 57-35 | a | b |
| | | O | MC1009 | 8C-NF8-027-010 | KNOB,RTRY JOG | a | b |
| | | O | MC1010 | 8C-NFA-032-010 | PANEL,RIGHT | a | b |
| | | O | MC1011 | 8C-NFA-012-010 | CABI,ASSY FR EZ | a | b |
| | | X | MC1011a | 8C-NFA-008-010 | KEY,POWER | a | b |
| | | X | MC1011b | 8C-NFA-018-010 | PANEL,FR EZ | a | b |
| | | X | MC1011c | 8C-NFA-001-010 | CABI,FR EZ | a | b |
| | | O | MC1012 | 8Z-NF6-210-010 | DMPR,150 N | a | b |
| | | O | MC1013 | 8C-NFA-013-010 | WINDOW,DISP H | a | b |
| | | O | MC1014 | 8C-NFA-031-010 | PANEL,LEFT | a | b |
| | | O | MC1015 | 8C-NFA-033-010 | PANEL,TOP | a | b |
| | | O | MC1016 | 8C-NF8-029-010 | KEY,REC EZ | a | b |
| | | O | MC1017 | 8C-NF9-615-010 | FL,HUA-13SS09T | a | b |
| | | | | | | CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
| | | O | MC1018 | 8C-NF8-013-010 | KEY,OPE | a | b |
| | | O | MC1019 | 8C-NF8-010-010 | KEY,CD | a | b |
| | | O | MC1020 | 8C-NF8-011-010 | KEY,ENTER | a | b |
| | | X | MC1021 | 8C-NFA-639-010 | PWB,HP (RDS) | a | b |
| | | O | MC1022 | 87-NF4-216-010 | HLDR,LOCK 1 | a | b |
| | | O | MC1023 | 86-NF9-224-010 | SPR-C,LOCK | a | b |
| | | O | MC1024 | 82-NF5-229-010 | PLATE,LOCK(*) | a | b |
| | | X | MC1025 | 8C-NF9-201-010 | PLATE,EARTH MECHA | a | b |
| | | O | MC1026 | 87-NF4-217-110 | HLDR,LOCK 2 | a | b |
| | | X | MC1027 | M8-CZK-292-070 | CMAT6Z2(1+1)ALPS | a | b |
| | | O | MC1028 | 87-A90-193-010 | HLDR,CV100 (B) | a | b |
| | | O | MC1029 | 88-908-301-110 | FF-CABLE,8P 1.25 300MM | a | b |
| | | O | MC1030 | 88-911-101-110 | FF-CABLE,11P 1.25 100MM | a | b |
| | | O | MC1031 | 8A-NFA-208-010 | GUIDE,FL 100-25 ANFA | a | b |
| | | X | MC1032 | 8C-NF9-621-010 | PWB,FRONT CNF-9 | a | b |
| | | O | MC1033 | 87-B00-002-010 | BADGE,AIWA 30 ABS SIL | a | b |
| | | O | MC1034 | 8C-NFA-009-010 | PANEL,TRAY | a | b |
| | | X | MC1035 | M8-BZG-29J-070 | BZG-2 ZD9GNC1 | a | b |
| | | O | MC1036 | 8A-NF8-206-010 | HLDR,PWB M | a | b |
| | | O | MC1037 | 8C-NF9-606-010 | CONN ASSY,8P -RPB | a | b |
| | | | | | | CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
| | | O | MC1038 | 8C-NF9-605-010 | CONN ASSY,3P -PB | a | b |
| | | X | MC1039 | 8C-ZA3-618-010 | SHLD-CASE,CZA-3 EZ S | a | b |
| | | X | MC1040 | 8C-NFA-637-010 | PWB,MAIN (RDS) | a | b |
| | | X | MC1041 | 8C-NF9-623-010 | PWB,HLDR WIRE CNF-9 | a | b |
| | | X | MC1042 | 8C-NF9-619-010 | SHLD-CASE,CNF-9 EZ P | a | b |
| | | O | MC1043 | 88-906-251-110 | FF-CABLE,6P 1.25 | a | b |
| | | X | MC1044 | 8C-NFA-201-010 | HT-SINK,TR C | a | b |
| | | O | MC1045 | 8C-NFA-024-010 | CABI,REAR EZSC NR10 | a | . |
| | | O | MC1045 | 8C-NFA-023-010 | CABI,REAR KSC | . | b |
| | | X | MC1046 | 8C-NFA-638-010 | PWB,PT (RDS) | a | b |
| | | O | MC1047 | 8C-NFA-601-010 | PT,CNF-A EZ | a | b |
| | | X | MC1048 | 87-A80-143-010 | AC CORD ASSY,E BLK | a | b |
| | | O | MC1049 | 87-085-185-010 | BUSHING,AC CORD(E) CM-22B | a | b |
| | | O | MC1A | 87-B10-091-010 | UTT2+3-10 W/O SLOT BLK | a | b |
| | | O | MC1B | 87-721-096-410 | QT2+3-10 W/O SLOT | a | b |
| | | O | MC1C | 87-067-001-010 | S-SCREW,BVWWST2+3-12 W/O SLOT | a | b |
| | | O | MC1D | 88-AR1-217-010 | S-SCREW,BFT2+3-8 | a | b |
| | | O | MC1E | 87-078-200-010 | S-SCREW,ITC+4-8 R | a | b |
| | | O | MC1F | 87-067-703-010 | BVT2+3-10 W/0 SL0T | a | b |
| | | O | MC1G | 87-NF4-224-010 | S-SCREW,IT3B+3-8 CU | a | b |

COLOR NAME TABLE -1/1

| Basic color symbol | Color | Basic color symbol | Color | Basic color symbol | Color |
|---|---|---|---|---|---|
| B | Black | C | Cream | D | Orange |
| G | Green | H | Gray | L | Blue |
| LT | Transparent Blue | N | Gold | P | Pink |
| R | Red | S | Silver | ST | Titan Silver |
| T | Brown | V | Violet | W | White |
| WT | Transparent White | Y | Yellow | YT | Transparent Yellow |
| LM | Metallic Blue | LL | Light Blue | GT | Transparent Green |
| LD | Dark Blue | DT | Transparent Orange | GM | Metallic Green |
| YM | Metallic Yellow | DM | Metallic Orange | PT | Transparent Pink |
| LA | Aqua Blue | GL | Light Green | HT | Transparent Gray |
| HM | Metallic Gray | NH | Champagne Gold | M | Wood Pattern |

TAPE MECHANISM EXPLODED VIEW -1/1<CMAT6Z2 (1+1)ALPS>



# TAPE MECHANISM PARTS LIST -1/1<CMAT6Z2 (1+1)ALPS>

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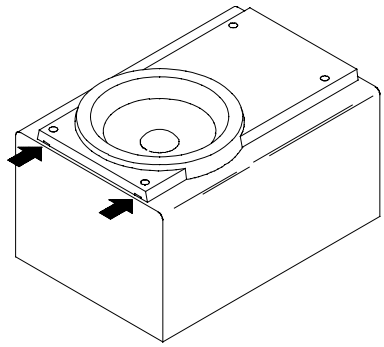
| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL |
|---|---|---|---|---|---|---|
| | | | | | | CMAT6Z222A |
| | | O | ST1001 | SF-513-889-000 | PLATE HD BLK | a |
| | | O | ST1002 | SF-513-888-000 | PLATE HD BLK | a |
| | | O | ST1003 | SF-K32-T32-000 | SPRING HB | a |
| | | O | ST1004 | SF-D58-H13-000 | ARM INTERLOCK L | a |
| | | O | ST1005 | SF-D58-K13-000 | ARM INTERLOCK R | a |
| | | O | ST1006 | SF-D53-M51-000 | REEL FEATHER | a |
| | | O | ST1007 | SF-K32-U12-000 | SP REEL (L) | a |
| | | O | ST1008 | SF-K32-V12-000 | SP REEL (R) | a |
| | | O | ST1009 | SF-D56-GS3-000 | REEL BASE | a |
| | | O | ST1010 | SF-D52-W51-000 | REEL BASE | a |
| | | O | ST1011 | SF-G11-414-000 | SCREW,PAN SW 2.6X5 ZN | a |
| | | O | ST1012 | SF-J11-131-000 | PW,4.1X0.13 | a |
| | | O | ST1013 | SF-J11-135-000 | PW,4.1X0.25 | a |
| | | O | ST1014 | SU-J16-F11-000 | PW,1.75X0.4 | a |
| | | O | ST1015 | SF-514-135-000 | ROLLER PINCH R BLK | a |
| | | O | ST1016 | SF-612-252-000 | CHASSIS BASE BLK | a |
| | | O | ST1017 | SF-567-700-000 | PWB CONTROL BLK | a |
| | | O | ST1018 | SF-J11-130-000 | PW,2.6X0.25 | a |
| | | O | ST1019 | SF-F19-S31-000 | F/R BELT | a |
| | | O | ST1020 | SF-R26-C11-000 | ASSY F/W | a |
| | | | | | | CMAT6Z222A |
| | | O | ST1021 | SF-D53-K52-000 | PLAY GEAR (A) | a |
| | | O | ST1022 | SF-F19-N22-000 | MAIN BELT | a |
| | | O | ST1023 | SF-525-349-000 | MTR MAIN BLK | a |
| | | X | ST1024 | SW-G58-H03-000 | 2 CORE JUMPER LEAD | a |
| | | O | ST1025 | SF-D60-L12-000 | FF GEAR (E) | a |
| | | O | ST1026 | SF-K35-K14-000 | CAM SP | a |
| | | O | ST1027 | SF-522-063-000 | CLUTCH ASSY BLK | a |
| | | O | ST1028 | SF-D60-B15-000 | PULLEY F/R | a |
| | | O | ST1029 | SF-J11-117-000 | WASHER 1.7X0.25 | a |
| | | O | ST1030 | SF-D58-T12-000 | LEVER BRAKE | a |
| | | O | ST1031 | SF-C65-W21-000 | LEVER F/R | a |
| | | O | ST1032 | SF-K35-E14-000 | SP ARM F/R | a |
| | | O | ST1033 | SF-K32-R21-000 | SP ARM PLAY | a |
| | | O | ST1034 | SF-D61-C14-000 | CAM GEAR | a |
| | | O | ST1035 | SF-D59-F12-000 | BUSH | a |
| | | O | ST1036 | SF-D58-P15-000 | ARM PLAY | a |
| | | O | ST1037 | SF-765-295-000 | SOLENOID BLK | a |
| | | O | ST1038 | SF-L41-S22-000 | PLANGER | a |
| | | O | ST1039 | SF-K34-Y11-000 | B/C SP | a |
| | | O | ST1040 | SF-R26-D11-000 | ASSY F/W | a |
| | | | | | | CMAT6Z222A |
| | | O | ST1041 | SF-F19-N31-000 | MAIN BELT | a |

# GENERAL SPEAKER DISASSEMBLY INSTRUCTIONS (FOR REFERENCE) -1/1

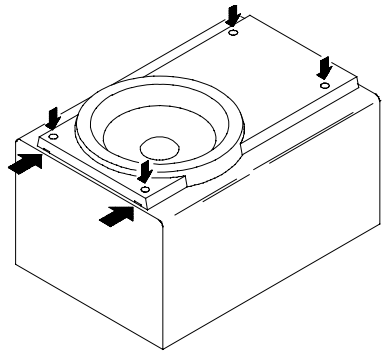
Type.1

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.



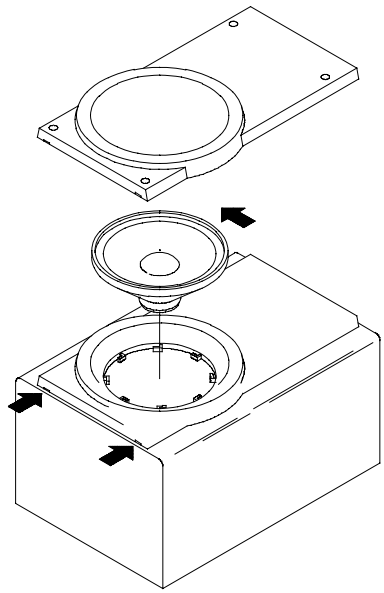
Type.2

Remove the grill frame and four pieces of rubber caps by pulling out with a flat-bladed screwdriver. Remove the screws from hole where installed rubber caps. Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Remove the screws of each speaker unit and then remove the speaker units.

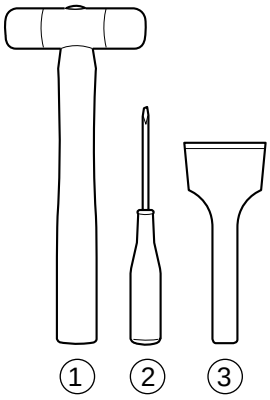


Type.3

Insert a flat-bladed screwdriver into the position indicated by the arrows and remove the panel. Turn the speaker unit to counter - clockwise direction while inserting a flat-bladed screwdriver into one of the hollows around speaker unit, and then remove the speaker unit. After replacing the speaker unit, install it turning to clockwise direction until "click" sound comes out.



Type.4




TOOLS

① Plastic head hammer
② (⊖) flat head screwdriver
③ Cut chisel

## How to Remove the PANEL, FR

1. Insert the (⊖) flat head screwdriver tip into the gap between the PANEL, FR and the PANEL, SPKR. Tap the head of the (⊖) flat head screwdriver with the plastic hammer head, and create the clearance as shown in Fig-1.

2. Insert the cut chisel in the clearance, and tap the head of the cut chisel with plastic hammer as shown in Fig-2, to remove the PANEL, FR.

3. Place the speaker horizontally. Tap head of the cut chisel with plastic hammer as shown in Fig-3, and remove the PANEL, FR completely.

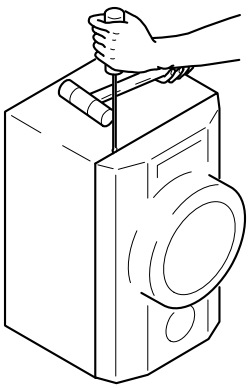


Fig-1

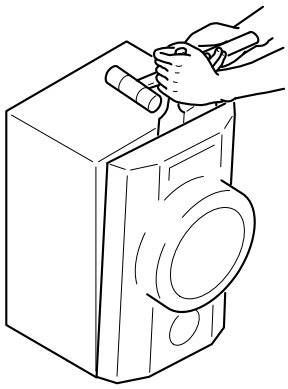


Fig-2

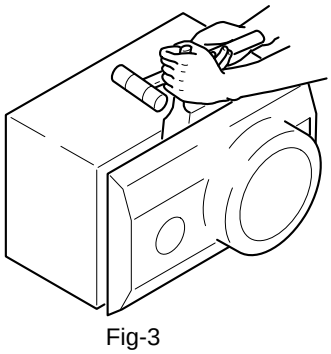


Fig-3

## How to Attach the PANEL, FR

Attach the PANEL, FR to the PANEL, SPKR. Tap the four corners of the PANEL, FR with the plastic hammer to fit the PANEL, FR into the PANEL, SPKR completely.

# SPEAKER PARTS LIST -1/1 <SX-NR10>

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL |
|---|---|---|---|---|---|---|
| | | | | | | SX-SNR10<br>YSN |
| | | O | SP1001 | 8A-NSJ-006-010 | BADGE,AIWA S35 | a |
| | | O | SP1002 | 8C-NSA-001-010 | GRILLE,FRAME ASSY | a |
| | | X | SP1003 | 8C-NSA-002-010 | GRILLE,FRAME | a |
| | | O | SP1004 | 8C-NSA-003-010 | PANEL,BA DUCT | a |
| | | O | SP1005 | 8C-NSA-004-010 | PANEL,DUCT | a |
| | | X | SP1006 | 8C-NSA-005-010 | NET, | a |
| | | X | SP1007 | 8C-NSA-006-010 | LBL,SPEC YS | a |
| | | O | SP1008 | 8C-NSA-007-010 | CORD,SPKR S | a |
| | | O | SP1009 | 8C-NSA-601-010 | SPKR,100 | a |
| | | X | SP1010 | 8Z-NS3-025-010 | CORD,BUSH S | a |
| | | X | SP1011 | 8C-NSA-853-010 | CUSHION,ASSY SOZ | a |
| | | X | SP1012 | PC-NSA-963-070 | SX-SNR10 YSN | a |

# OTHER PARTS LIST -1/1

! = ⚠ SAFTY PARTS
C = Components marked
All components used on this model at the production line are shown in this service manual.
However, please note that not all components will be available as spare parts for after-sales service.
Components marked S and O are designated as spare parts for service and will be stocked at the spare parts centers.
Components marked X and R are not designated as spare parts for after sales service, and will not be stocked at the spare parts centers.

| UNIT-NAME | ! | C | REF-NO | PARTS-NO | PARTS-NAME | SUFFIX&MODEL CX-SNR10 EZSC1 | CX-SNR10 KSC1 |
|---|---|---|---|---|---|---|---|
| | | X | | 8B-NF9-204-010 | CUSH, 11-8.5-2 | a | b |
| | | X | | 8C-NF9-211-010 | CUSHION,7-10-3.8W/ADH | a | b |
| | | X | | 87-B40-281-010 | LBL,BAR-CODE A 35X8 | a | b |
| | | X | | 87-057-995-010 | LBL,CAUTION EFSD | a | b |
| | | X | | 87-057-961-010 | LBL,CAUTION TRIANGLE | a | b |
| | | X | | 8C-NF8-045-010 | SH,FL | a | b |
| | | X | | 87-B40-098-010 | BAG,PV 0.025-650-750 PL | a | b |
| | | X | | 8C-NF9-851-010 | CUSHION,FRONT USC1 | a | b |
| | | X | | 8C-NF9-852-010 | CUSHION,REAR USC1 | a | b |
| | | X | | 92-370-716-010 | SH,FOAMED-MAT 0.31-700-500 | a | b |
| | | X | | 87-B40-085-010 | BAG,PV 0.04-200-350 PL | a | b |
| | | X | | 87-B50-079-010 | LIST,FACILITY(B)-0007 | a | b |
| | | X | | 87-056-168-010 | SH,CAUTION INF-WARR(EC) | a | b |
| | | X | | 8C-NFA-970-010 | LBL,POP KL | a | b |
| | | X | | 8C-NFA-979-010 | LBL,POP KR2 | a | b |
| | | X | | 87-B40-057-010 | BAG,PP 0.03-150-200 | a | . |

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